PELLA® 250 SERIES PREMIUM MULTI-SLIDE POCKET DOOR INSTALLATION INSTRUCTIONS

Contents:

SCAN
QR Code for Complete Installation Instructions and Video Instruction

These instructions were developed and tested for use with wall systems designed to manage water. These instructions are not to be used with any other construction methods or door frame types. Installation instructions for use with other construction methods or frame types may be obtained from Pella® Corporation, your local Pella retailer or www.installpella.com. Building designs, construction methods, building materials, and site conditions unique to your project may require an installation method different from these instructions and/or additional care. Determining the appropriate installation method is the responsibility of you, your architect, or construction professional.

Always read the Limited Warranty before purchasing or installing Pella® products. By installing this product, you are acknowledging that this Limited Warranty is part of the terms of the sale. Failure to comply with all Pella installation and maintenance instructions may void your Pella product warranty. See written Limited Warranty for details, including exceptions and limitations at ***pella.com/warranty***, or contact Pella Customer Service at 877-473-5527.

BY PURCHASING, INSTALLING OR USING PELLA PRODUCTS (INCLUDES PELLA GOODS AND PELLA SERVICES), YOU AGREED TO THE TERMS OF THEIR RESPECTIVE LIMITED WARRANTIES AND YOU AND PELLA FURTHER AGREE TO ARBITRATE DISPUTES ARISING OUT OF OR RELATING TO YOUR PELLA PRODUCTS, AND YOU WAIVE ANY RIGHT TO PARTICIPATE IN A REPRESENTATIVE OR CLASS ACTION RELATED TO PELLA PRODUCTS unless you notify Pella of your decision to opt out of the Arbitration Agreement no later than ninety (90) calendar days from the date you purchased or otherwise took ownership of Your Pella Goods. Opting out of the Arbitration Agreement will not affect the coverage provided by any applicable limited warranty pertaining to Your Pella Products. For opt out information and additional details please read the Limited Warranty and Arbitration Agreement for your Pella Products at ***www.Pella.com/arbitration***.

GIF-000002946- Part Number: V989416

BEFORE BEGINNING FRAME ASSEMBLY AND INSTALLATION:

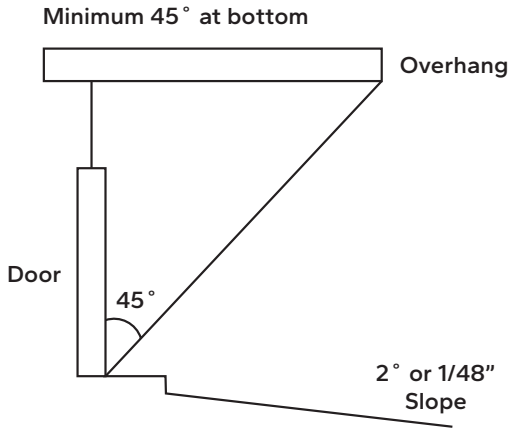
Read through and understand all the assembly steps and the installation process.
Carefully remove shipping/packaging materials and check for any product damage.
Confirm the correct product was received. (Size, color, handing, etc..)
Confirm all parts as listed in the QC Checklist are present and accounted for.

If there is any parts missing, product damage, wrong parts, or other issues...

DO NOT assemble! Contact Pella Customer Service at: 877-473-5527.
Or Contact your local sales representative or customer service team.

Before purchasing and installing, verify performance of product meets the requirements of the application and region. Not all products or sill types are rated for water performance. To reduce the likelihood of water infiltration where application exceeds product performance, install doors under an overhang that extends to meet a 45-degree line from the door sill and slope the exterior 2 degrees away from the door or use a stepdown.

FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE INTERIOR OF THE STRUCTURE.



Tools List:

- #2 Phillips handheld screwdriver
- Pry bar
- Level
- Square
- Safety glasses
- Utility knife
- Hammer
- Wood block
- Mallet
- Tape measure
- Drill with 3/8", 9/64" bits
- Fine tooth chop saw
- Sealant gun with polyurethane sealant

Supply List:

- Moisture resistant shims/spacers (12 to 20)
- 2" galvanized roofing nails (1/4 lb.)
- Masonry screws for concrete applications (minimum of 3/16' diameter x 3")
- Closed cell foam backer rod/sealant backer (21 to 30 ft.)
- Pella® SmartFlash™ foil backed butyl window and door flashing tape or equivalent
- Pella Window and Door Installation Sealant or equivalent high quality, multi-purpose sealant
- Low expansion, low pressure polyurethane insulating window and door foam sealant. DO NOT use high pressure or latex foams
- Sill pan 6-5/8" x (rough opening width +2)
- Pella aluminum sill support or wood blocking
- Interior trim and/or jamb extensions (15 to 40 ft.)

GIF-000002946- Part Number: V989416

IMPORTANT SAFETY AND PRODUCT INFORMATION

Safety Alert Symbol Reference: These symbols are intended to alert you to potential injury hazards and information. Obey all safety messages.

COULD Result in: WARNING — Major Injury/Death

COULD Result in: CAUTION — Minor Injury

COULD Result in: NOTICE — Product or Property Damage

COULD Result in: IMPORTANT — Procedure and Product Info.

WARNING To ensure safety and security and help prevent property damage, including possible damage to your window or door, close and lock windows and doors any time they are not being used for venting on a nice day, and particularly during high winds or rain. Ensure all windows and doors are properly fastened to the wall structure according to the product anchor instructions. It is the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional to ensure the appropriate windows and doors are chosen for the project and the wall construction is designed to resist all loads in accordance with local building code requirements.

CAUTION Many doors in older homes are painted with lead-based paint. Removal of old doors may disturb this paint. Proper precautions must be taken to minimize exposure to dust and debris. Consult state or local authorities and/or go to www.epa.gov/lead for more information.

NOTICE Pella products must be stored in an upright, level position not exposed to weather. The storage must be ventilated and provide protection from direct sunlight and excessive temperature.

IMPORTANT NOTICE Because all construction must anticipate some water infiltration, it is important that the wall system be designed and constructed to properly manage moisture. Pella Corporation is not responsible for claims or damages caused by anticipated and unanticipated water infiltration; deficiencies in building design, construction and maintenance; failure to install Pella products in accordance with Pella's installation instructions; or the use of Pella products in wall systems which do not allow for proper management of moisture within the wall systems. The determination of the suitability of all building components, including the use of Pella products, as well as the design and installation of flashing and sealing systems are the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional and are not the responsibility of Pella.

Pella products should not be used in barrier wall systems which do not allow for proper management of moisture within the wall systems, such as barrier Exterior Insulation and Finish Systems (EIFS) (also known as synthetic stucco) or other non-water managed systems. Except in the states of California, New Mexico, Arizona, Nevada, Utah and Colorado, Pella makes no warranty of any kind on and assumes no responsibility for Pella windows and doors installed in barrier wall systems. In the states listed above, the installation of Pella Products in barrier wall or similar systems must be in accordance with Pella's installation instructions. Product modifications that are not approved by Pella Corporation will void the warranty.

CARE AND MAINTENANCE: Refer to the Pella Owner's Manual. Visit www.pella.com or your local retailer for more information.

CLEANING INSTRUCTIONS: Refer to the Pella Owner's Manual for comprehensive maintenance and cleaning information. Visit *www.pella.com* or your local retailer for more information.

GLASS: Remove any protective film and labels and clean the glass, using a soft, clean, grit-free cloth and mild soap or detergent. Be sure to remove all liquid by wiping dry or use a clean squeegee.

NOTICE DO NOT apply any other types of film to the glass. Doing so could void product warranty.

PELLA® 250 SERIES DOOR FRAMES: The vinyl frame may be cleaned using the same method as the glass. For stubborn dirt, a "non-abrasive" cleaner such as Bon-Ami® or Soft Scrub® may be used.

NOTICE Do not use solvents such as mineral spirits, toluene, xylene, naphtha or muriatic acid as they can dull the finish, soften the vinyl and/or cause failure of the insulated unit seal.

NOTICE Do not use Isopropyl Alcohol on laminated surfaces as it will damage the finish. Keep door tracks clear of dirt and debris. Keep weep holes open and clear of obstructions.

NOTICE DO NOT use abrasives. DO NOT scrape or use tools that might damage the surface.

NOTICE DO NOT use inappropriate solvents or brickwash or cleaning chemicals. If you do, permanent damage can result and the product failure, loss or damage would not be covered by the Limited Warranty.

INSTALLATION INSTRUCTIONS FOR TYPICAL WOOD FRAME CONSTRUCTION

NOTICE Header must be designed to bear the weight of all building (roofing) and construction loads. Maximum allowable header deflection of 1/4" over total span of the opening.

NOTICE Sill structure and framing must be designed and constructed to carry the weight of the door frame and door panels.

Installation Instructions for Typical Wood Frame Construction:

These instructions were developed and tested for use with typical wood frame wall construction in a wall system designed to manage water. **These instructions are not to be used with any other construction method.**
Building designs, construction methods, building materials, and site conditions unique to your project may require an installation method different from these instructions and additional care. Determining the appropriate installation method is the responsibility of you, your architect, or construction professional.

NOTICE **With multiple tracks it's very important to make sure the threshold is level the entire length of the opening and the distance from the interior to exterior.**

NOTICE **FAILURE TO PROVIDE ADEQUATE ROUGH OPENING SILL PROTECTION FOR WOOD THRESHOLDS WILL VOID PRODUCT WARRANTY.**

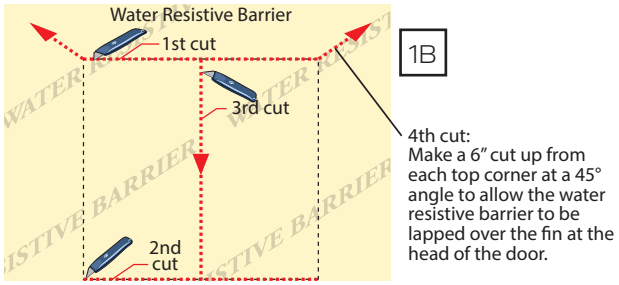
NOTICE **Proper steps must be taken when flashing and applying sealant to ensure proper waterproofing of the unit.**

NOTICE **It is recommended to open the stretch-wrapped parts early, (the pocket and wall interlock and the blind panel) to take pressure off the blind panel and prevent it from warping.**

1 Opening Preparation:

A. **Prior to installation,** inspect the rough opening to ensure it is plumb, level, and square. Confirm sill subfloor is level using shims as needed.

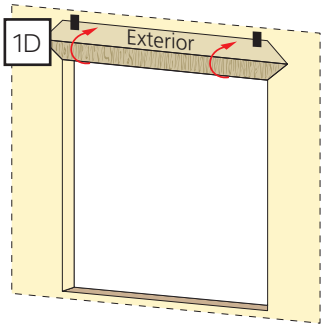
B. **Measure opening to confirm all measurements** agree with those appearing on elevation drawings provided. Measurements should be within + 1" from side to side, the rough opening should measure no more than 1" larger than the unit is in width and height. Measurements from top to bottom should match the provided drawing.



C. **Cut the building wrap**.

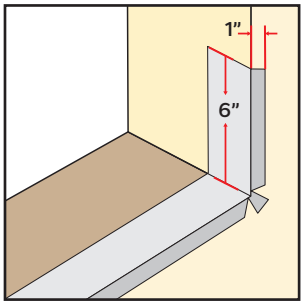
D. **Fold the building wrap in at the jambs and staple it in place.** Fold the top flap up and temporarily fasten with flashing tape.

If using a sill pan or if the door will be installed on a concrete slab, refer to the instruction page at the end of this instruction.

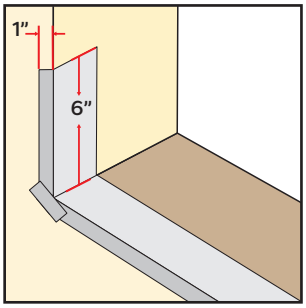


NOTICE If the door is installed on a wood foundation, refer to the sill pan instruction page at the end of this instruction.

E. **Cut two pieces of flashing tape** 12" longer than opening width.



F. **Continue to apply flashing tape across the length of the sill** extending 1" to the exterior and 6" up the opposite jamb. Fold the tape over to the exterior. Place a piece of flashing tape across the exterior corner overlapping tape #1.

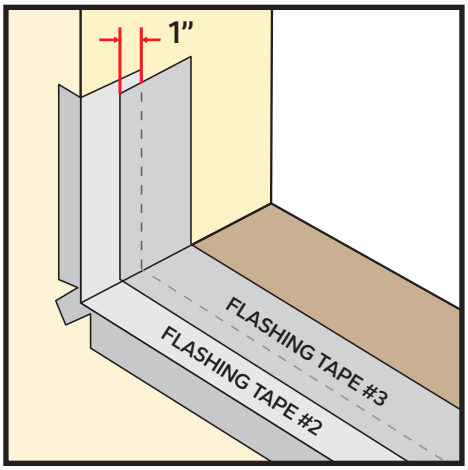


G. **Starting on the back side of the exterior wall** of the pocket, apply a piece of sill flashing tape (Tape #2) to the framing with the tape edge on the sill.

1 Opening Preparation (continued):

H. **Continue applying the tape across the framing,** around the corner to the inside edge of the pocket.

I. **Starting at the corner in the backside of the pocket,** apply a third piece of flashing tape overlapping tape #2 by at least 1". Work across the sill and apply the flashing tape 6" up the opposite jamb.



J. **Continue to apply additional pieces of flashing tape across the sill,** overlapping the previous piece by at least 1" until the sill is covered with flashing tape and up each jamb 6".

NOTICE **Press all tape down firmly.**

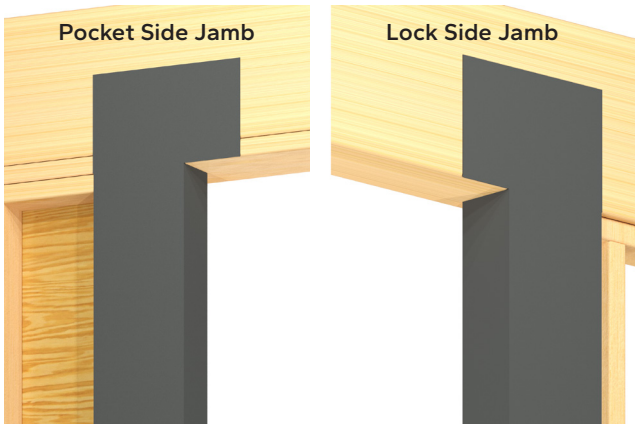
NOTICE **The moisture barrier/sill flashing must be compliant with local building codes and compatible with build substrate.**

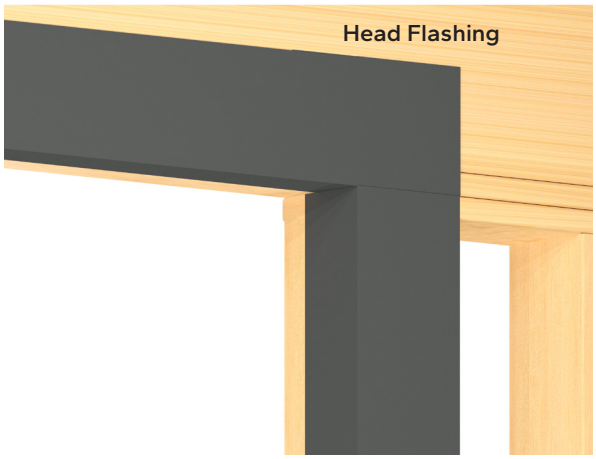
1 Opening Preparation (continued):

NOTICE **The following flashing method is applicable only if applied before building wrap.**

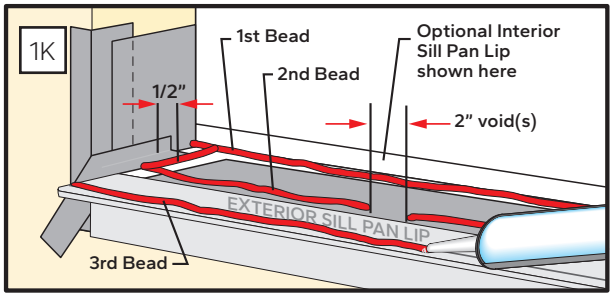
The flashing method required for installing a pocket door is different than any other product because of how the door is set back from the exterior wall.

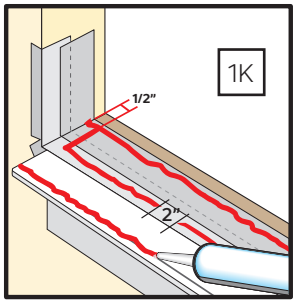
- **Cut 2 pieces** the height of the opening plus the thickness of the head flashing used.
- **Flash the strike side jamb** by wrapping it into the jambs framing so it sits behind the door's frame once installed.
- **Using a utility knife,** notch the top corner and continue up the face of the wall.
- **Flash the pocket side jamb** by wrapping the corner of the pockets wall, notch the top corner and continue up the face of the wall.
- **Cut the head flashing the width** of the opening plus twice the thickness of the jamb's flashing.
- **Flash the header the same way** as the strike side so it will be tucked behind the door frame once installed, notch each end where they meet the jamb.





K. **Place three 3/8" beads of sealant across the opening sill.** Place the interior-most bead 1/2" from where the interior of the door sill will remain after installation. Continue this bead up the sill pan lip, if applicable.





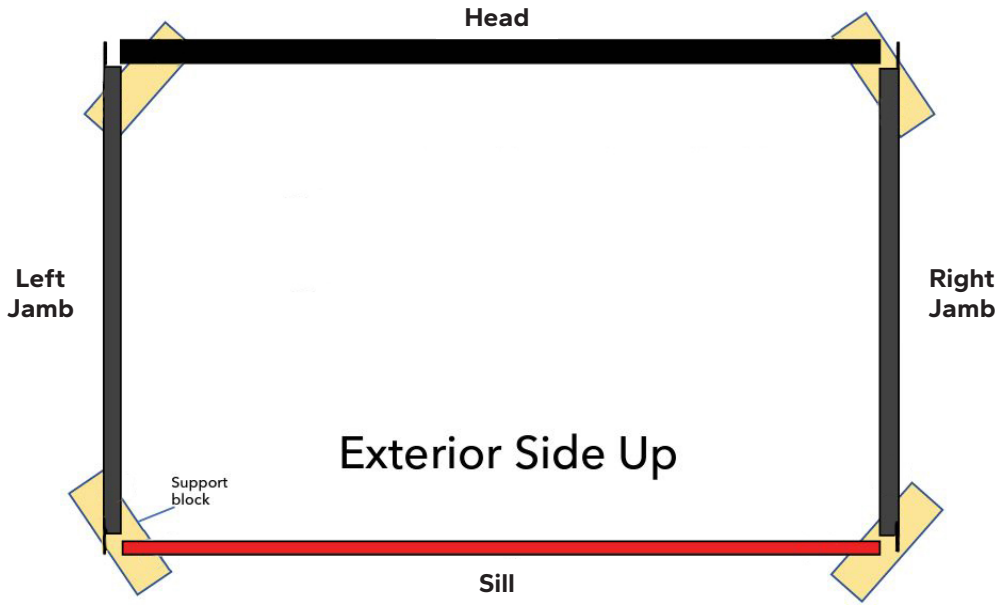
L. **Place a second bead beginning from the interior bead** 1/2" from each side, out to the exterior of the framing and along the opening. Leave 2" voids 4" from the corner and at the center. Place a third bead where the exterior of the door sill will remain after installation.

2 Frame Assembly:

A. **Identify frame parts necessary** (head, 2 jambs and a sill). The sill can be identified by the weep holes.

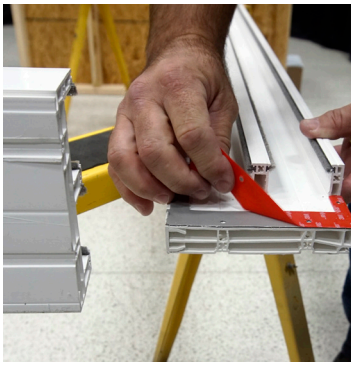
Position the head, sill and 2 side jambs exterior side up on a clean flat surface in the orientation in which they will be assembled. Insert wood blocks under each corner to support and level the corners on an uneven surface. Or position the frame parts on sawhorses.

Be sure to assemble one frame corner at a time. Joining the sill to the jambs first, followed by joining the head to the jambs.



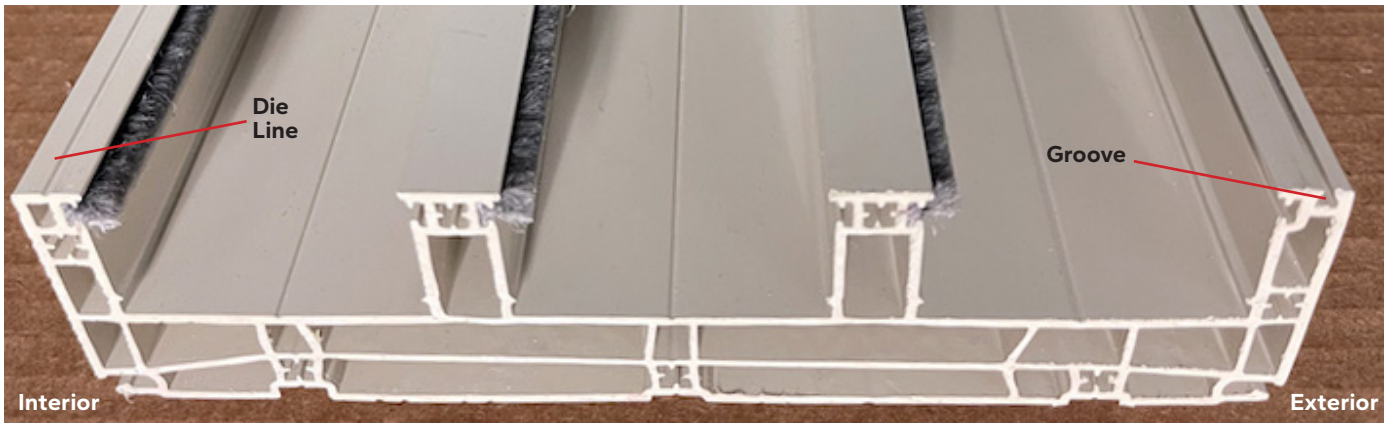
B. **Using the provided alcohol wipes,** clean the area where the jamb gaskets will be adhering to on the head and sill.

C. **Remove the adhesive backing paper** from the gasket on one jamb frame corner near the sill.

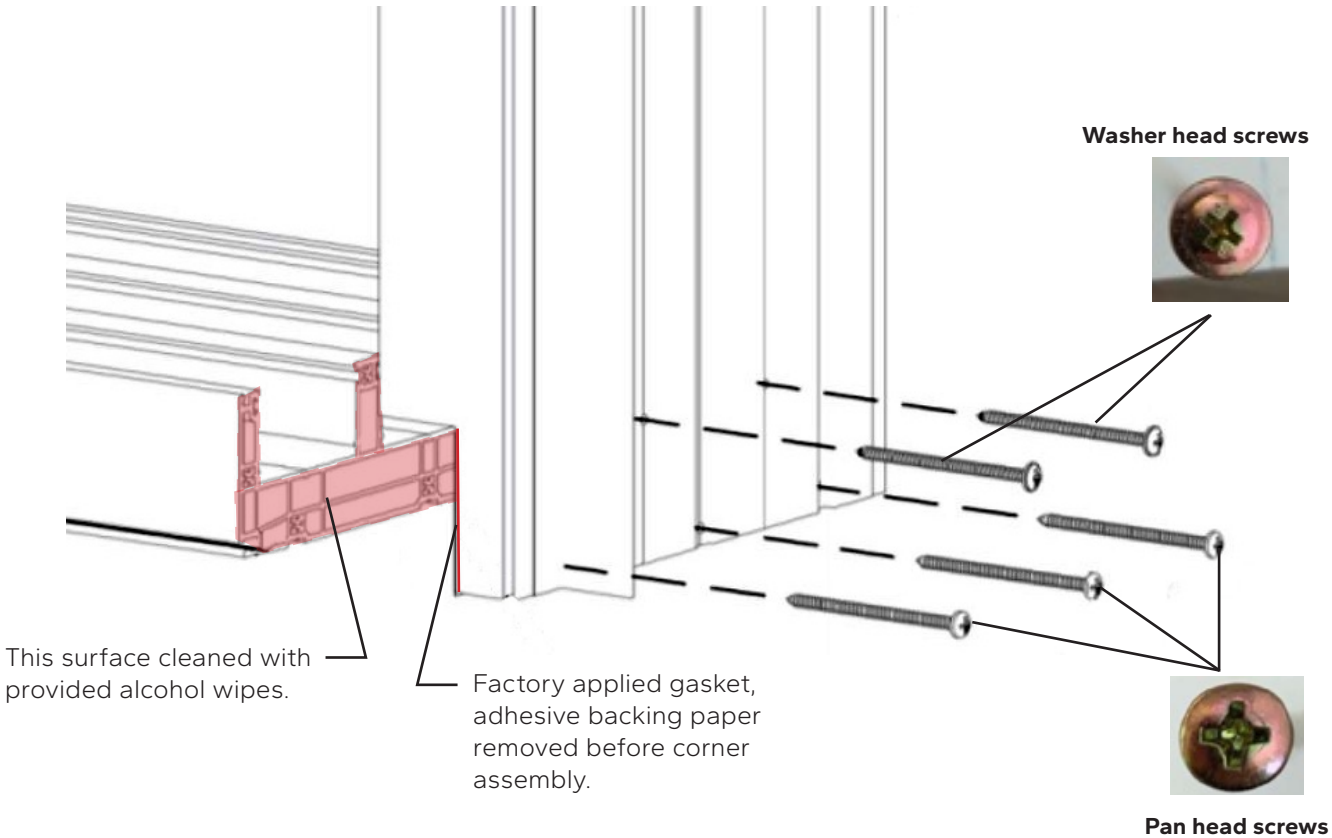


2 Frame Assembly (continued):

NOTICE Pay close attention to each end of the frame parts, the exterior and interior. Make sure they are aligned with the mating frame piece. There is a deep groove on the exterior side and only a die line on the interior side. They should match up with the sill determining interior and exterior.

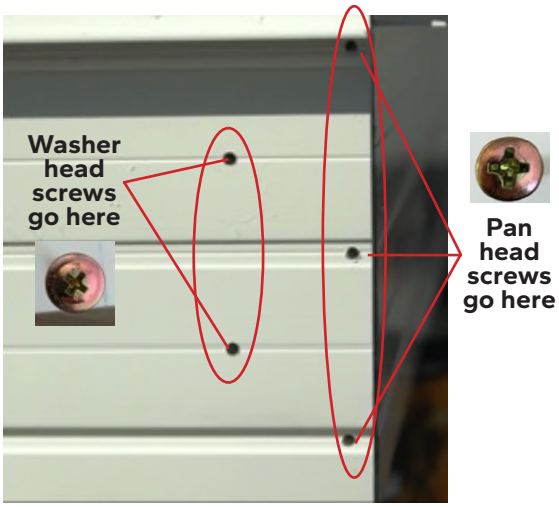


NOTICE Use care if using an impact driver during the Frame Assembly Process. If not careful, impact drivers can cause screw head breakage.

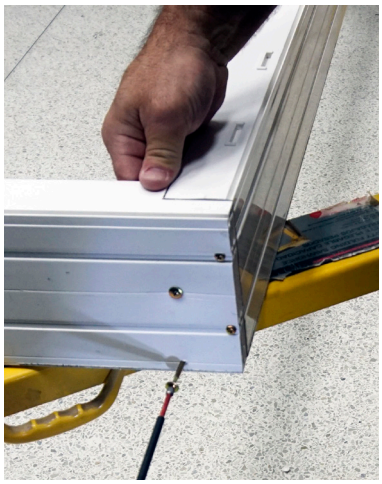


2 Frame Assembly (continued):

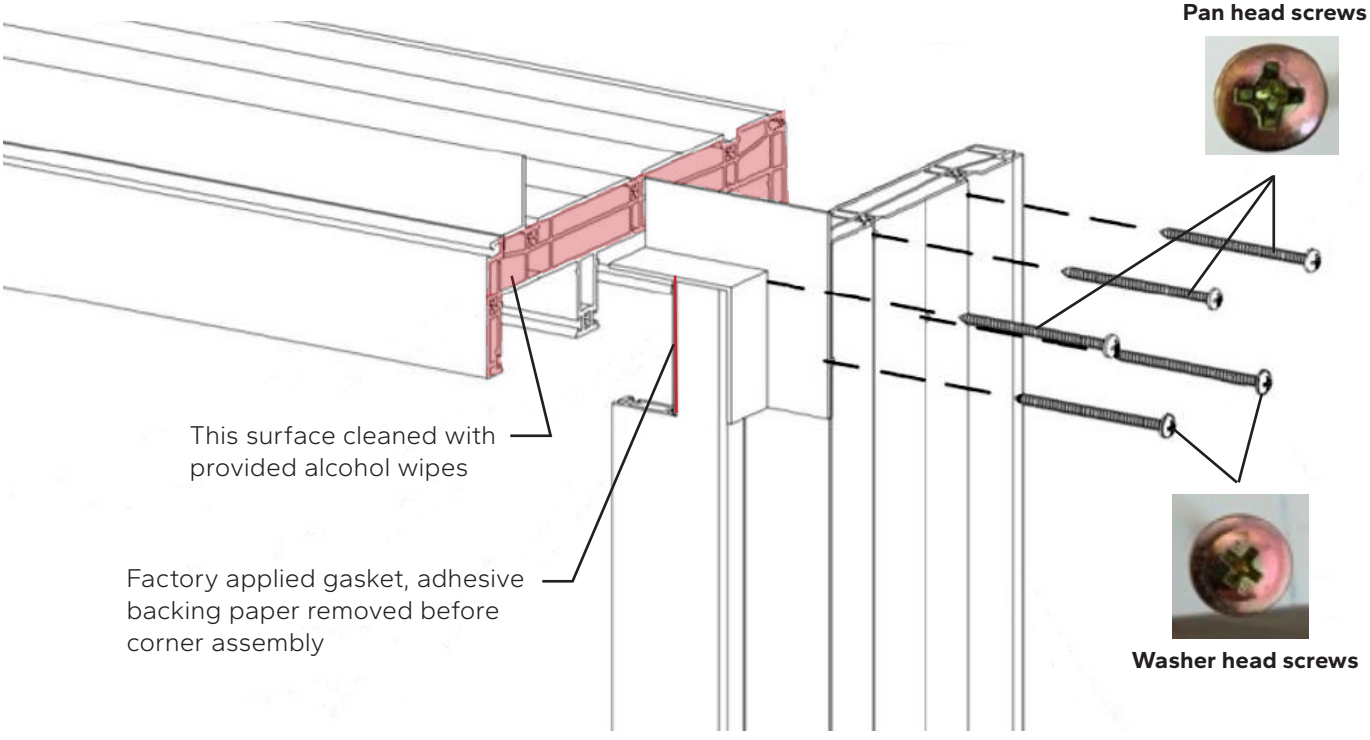
D. **Insert the packaged frame assembly screws** into the pre-drilled holes in the jamb. The number of screws installed will vary based on the number of tracks in the door frame. Pan head screws will go in the recessed sections of the frame. The washer head screws will go in the holes with the flat surface. One corner at a time, make sure each screw is aligned with the proper screw boss, and tighten each screw sequentially and evenly until the jamb is tightened firmly against the sill and/or head. Be careful not to over torque and strip out the vinyl or pull through the jamb's walls. There should be a slight dimple in the frame where the washer head screws are applied.



NOTICE **Use care if using an impact driver during the Frame Assembly Process. If not careful, impact drivers can cause screw head breakage.**

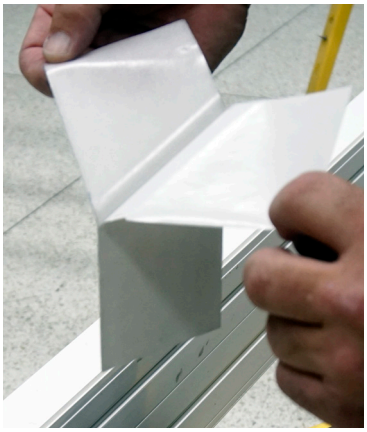


E. **Repeat 2C-2D on the other sill jamb/sill corner** and then on the two head/jamb corners.

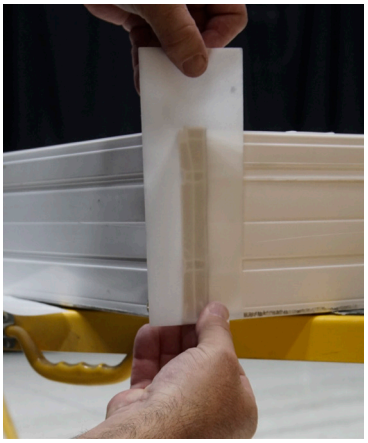


2 Frame Assembly (continued):

F. **Remove the adhesive backing paper** of the seal tape to expose the sticky side of the tape.



G. **Apply the provided seal tape** to the outside of the jamb-sill joint on both sides.



H. **Trim the seal tape on units with shallower frame depth.**

I. **Once the tape has been applied,** remove the Mylar backing. Once the Mylar backing has been removed, work the tape into any voids in the frame to ensure a good seal.

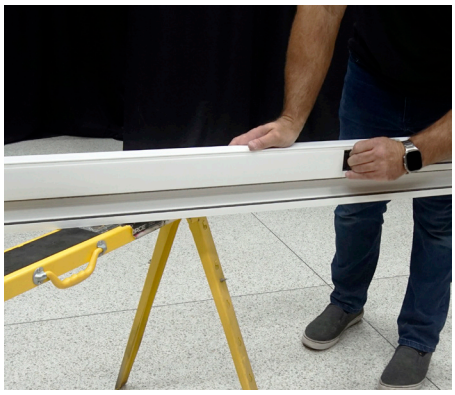
3 Frame Installation:

A. **Remove the jamb frame cap(s)** from the frame.



B. **Remove the head panel stop bumpers** from the frame.


C. **Remove the head frame cap(s) from the frame**. If needed, use a straight blade screwdriver to pry one of the frame cap legs out of the frame pocket.



3 Frame Installation (continued):

D. **Remove the sill threshold frame cap(s)** from the frame. If needed, use a small pry bar to pry one end of the frame cap out of the frame pocket. Remove the bumper from the sill.

3 Frame Installation (continued):

E. **Pre-drill 3/8" holes through the first layer of vinyl only**. These will be plugged later with the 3/8" provided hole plugs near the completion of this installation or covered by the frame caps. When drilling use the appropriate screw pattern as noted below.

NOTICE **Do NOT drill on the die lines, but towards the center of the frame.**

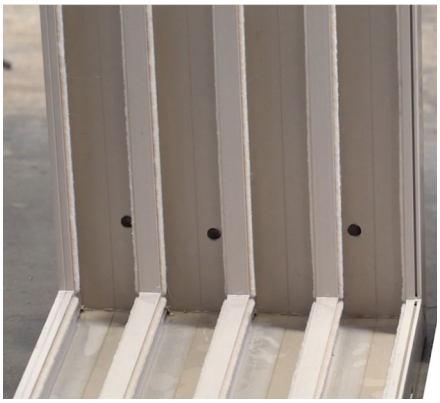
2-Track Multi-Slide Door: the screw pattern should be 3-6" from each corner and every 16" on center in each track.

3-Track Multi-Slide Door: the screw pattern should be 3-6" from each corner and every 16" on center in the outer and inner track.

4-Track Multi-Slide Door: the screw pattern should be 3-6" from each corner and every 16" on center in the outer track and the two inner tracks.

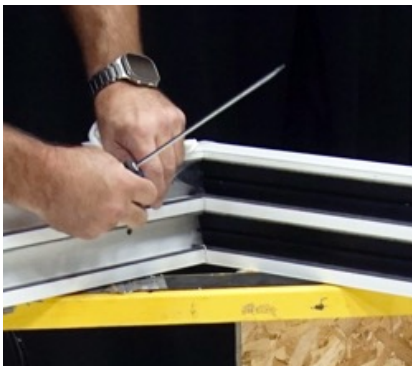
2-Track Frame

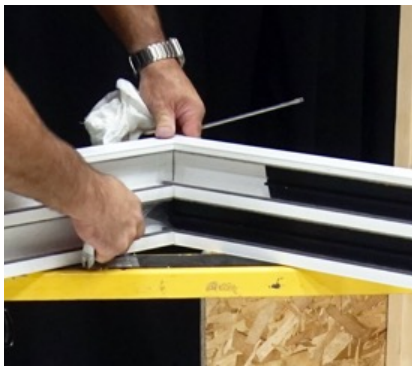
3-Track Frame



4-Track Frame

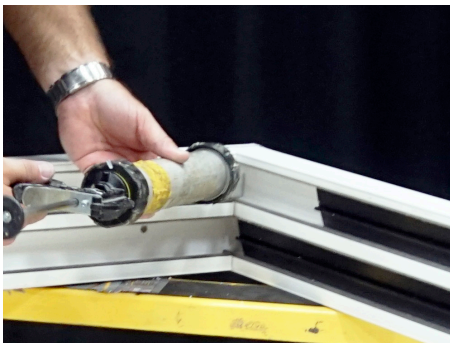
F. **Move the sliding door sill tracks** out of the way to from the jamb-sill corner to prepare to apply sealant to seal each jamb to sill corner.





3 Frame Installation (continued):

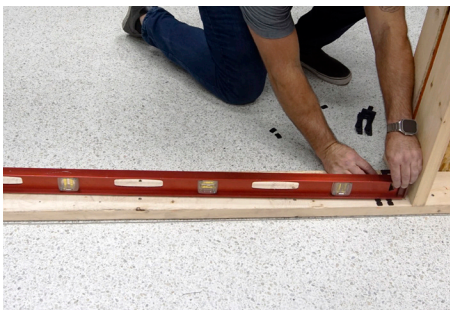
G. **Use the provided frame sealant** to seal each sill to jamb interior joint, with a uniform bead. Tool each sealant bead to make sure there is proper sealant coverage.

H. **Confirm the sill rough opening is level.** Place a level on the sill and shim as needed. If shims are needed to level the sill, make sure shims are placed no more than 2" apart as well as the entire depth of the frame's sill. It is very important to take the necessary time to level the sill. Make sure not only the length is level, but also the distance from the interior to the exterior is level as well. The sill must be level; left to right and inside to outside.

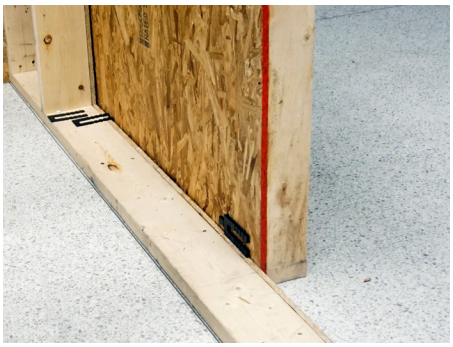




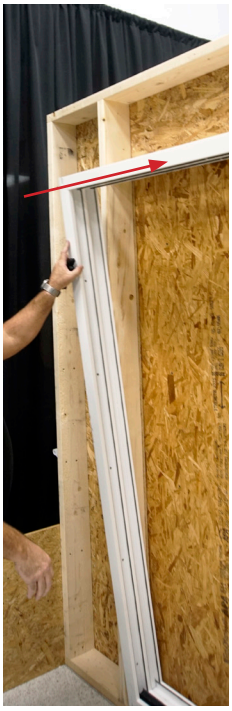


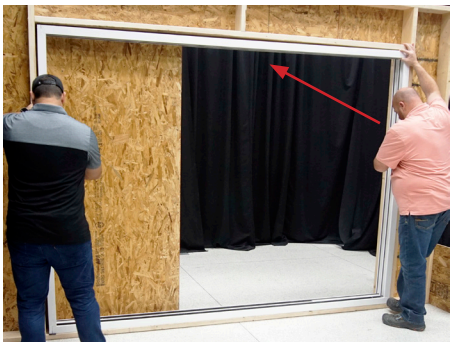
3 Frame Installation (continued):

I. **Place 1/4" shim** where it will end up being between the exterior pocket wall and the frame.



J. **Center the bottom of the door in the opening** and tilt the door into position. Do not slide the door into the opening. Sliding will damage the sealant lines. Check the jambs for plumb and confirm there is room for shimming between the jambs and opening on each side.

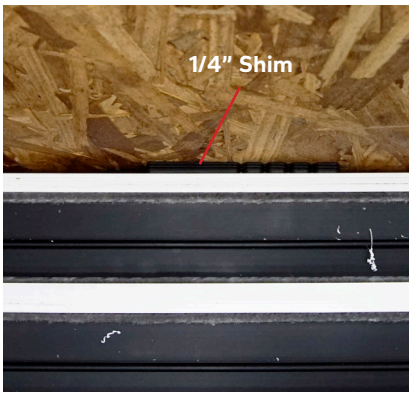


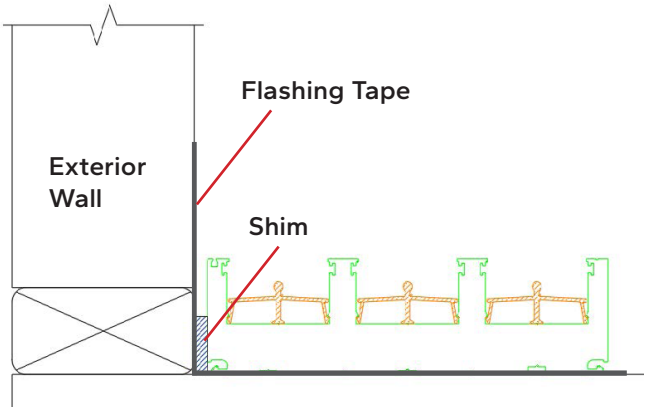


K. **Walk across the sill to compress the sealant** and confirm the frame is firmly on the threshold, free of any humps due to the sealant under it.

3 Frame Installation (continued):

L. **Place 1/4" shim between the exterior pocket** wall and the frame at the head. Insert a provided installation screw in the head near the shim to set the frame 1/4" away from the pocket wall and the frame.



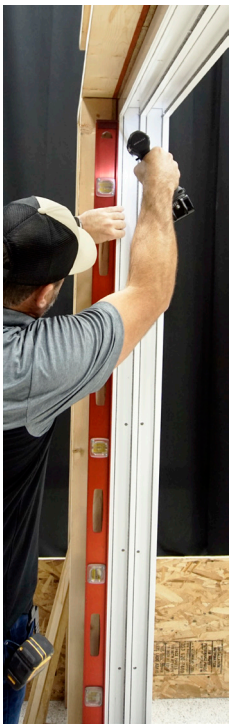


M. **Measure the distance from the frame to the exterior** wall on the pocket end. Make sure both ends of the frame will have the same set back. Lift the frame (DO NOT slide) to adjust the lock side of the frame as needed.

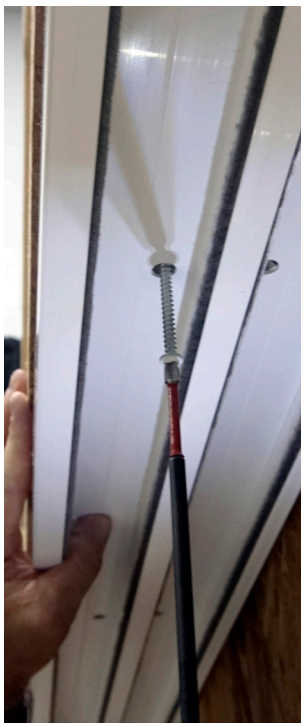
N. **With a frame screw provided,** and a shim behind the screw, secure one of the four corners. Install a screw in the bottom pre-drilled track holes.

3 Frame Installation (continued):

O. **Shim and secure the top corner** above the corner just secured. Check with a level to make sure the frame is level.



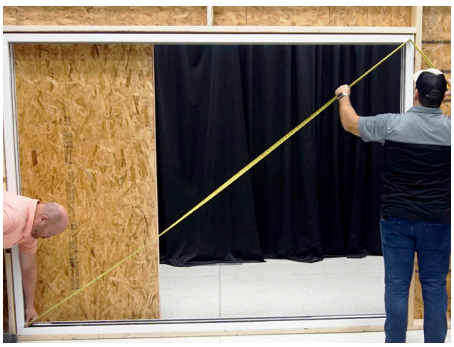
P. **If needed, loosen the screw by the exterior wall pocket** to be able to level the side of the frame. Then finish tightening the top screw.

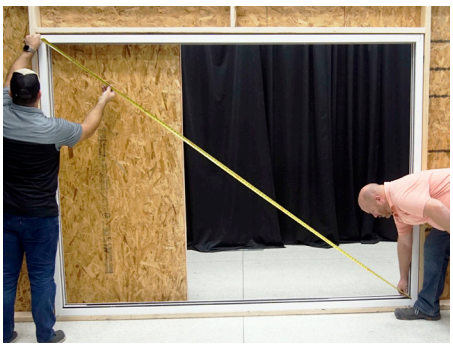


3 Frame Installation (continued):

Q. **Re-tighten the screw** at the wall pocket making sure the 1/4" shim is in place.

R. **Measure the frame diagonally** to confirm the frame is square in the opening.



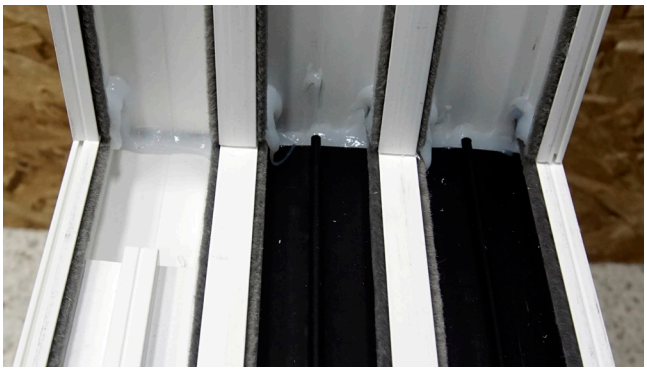


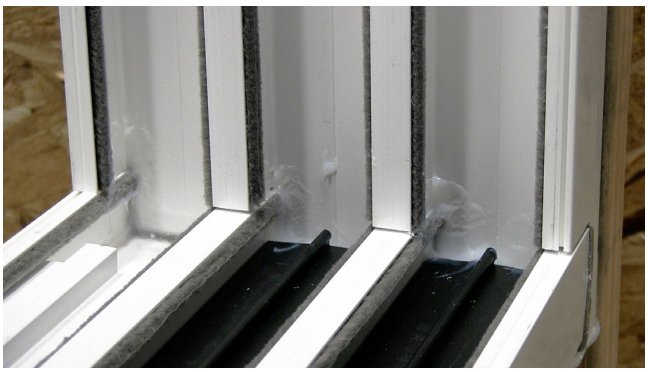
S. **Finish securing the final corners**.

T. **Secure the jambs and head of the frame** placing the screws in the appropriate tracks, no more than 16" apart and roughly 3"-6" from the corners. Place shims at every screw location to eliminate any frame movement (shim at least every 16" on the jambs and head). Use a level to make sure the jamb is plumb side to side and there is no daylight between the level and the frame. Level and secure the head making sure it's perfectly straight.

3 Frame Installation (continued):

U. **Apply sealant at the non-pocket side of the frame where the jamb and sill meet in the locations shown.** It may be necessary to slide the sill tracks out of the way to have adequate room for sealant application. Tool sealant to ensure proper coverage.



V. **Before the panels are installed** make sure the tracks are snapped securely in place. Use a block of wood and hammer and work down the entire length of each of the door's tracks. This will ensure the tracks are snapped into place which may have shifted during shipping.

3 Frame Installation (continued):

W. **Vacuum out the sill to clean out all debris** from the tracks to make sure the panels will roll freely.

4 Panel Installation:

A. **Install the first vent panel into the inner track**.

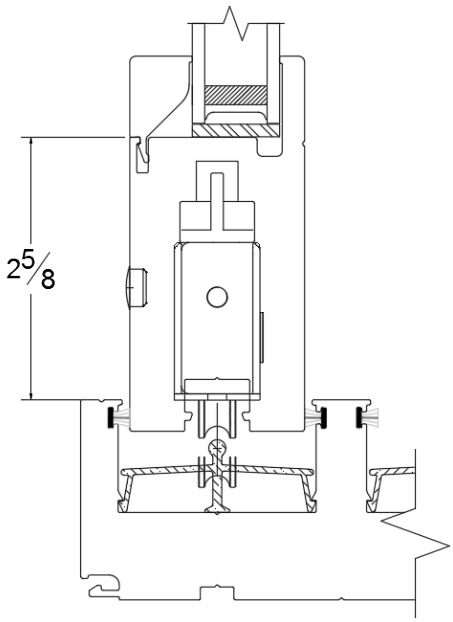
4 Panel Installation (continued):

B. **On a Standard door;** raise the roller adjustment three full turns using a #2 Philips hand screwdriver.

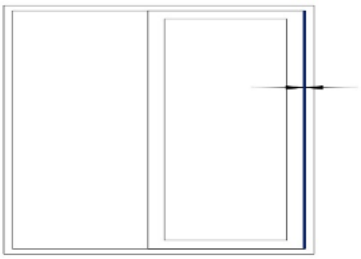
On a Premium door; raise the roller until the measurement from the top of the threshold leg to the bottom of the glazing bead is 2-5/8". Be careful not to over tighten the screws.

Tip: Lift one corner up to take the weight off the roller.

NOTICE Be careful not to over torque the screws.



C. **Slide the panel to the lock jamb and pocket jamb** look at the reveals. Check the panel to frame reveal is even and the same at each jamb. Make sure there is a consistent gap between the panel and jamb along the length of the jamb.



D. **Install the next intermediate panel into the next track** following the process as the first vent panel.

4 Panel Installation (continued):

E. **On a Standard door;** raise the roller adjustment three full turns using a #2 Philips hand screwdriver.

On a Premium door; raise the roller until the measurement from the top of the threshold leg to the bottom of the glazing bead is 2-5/8". Be careful not to over tighten the screws.

Tip: Lift one corner up to take the weight off the roller

NOTICE Be careful not to over torque the screws.

F. **Check the reveal** with the 2nd panel against the stacking side jamb. It should be even and straight just as the first panel.

G. **Hold all of the panels together and slide them as one**. Check to see if the panels are sliding evenly together without shifting opposite of each other. Also check to confirm panels are flush with each other.

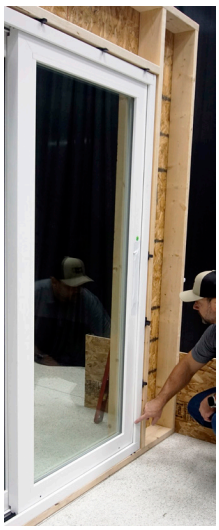
4 Panel Installation (continued):

H. **If when sliding the panels together as one,** they did shift opposite of each other, this can be corrected by shimming under the frame in the area the panels shifted. Use a pry bar to lift the frame slightly in that area and position shim(s) under the frame.



I. **Slide the locking panel back over to the lock jamb** and check the reveal against the lock jamb.





J. **With the locking panel against the lock jamb,** check to confirm the panel interlockers are all properly engaged and the reveals at each interlocker are even.



K. **Repeat 4E-4J** on subsequent panels.

4 Panel Installation (continued):

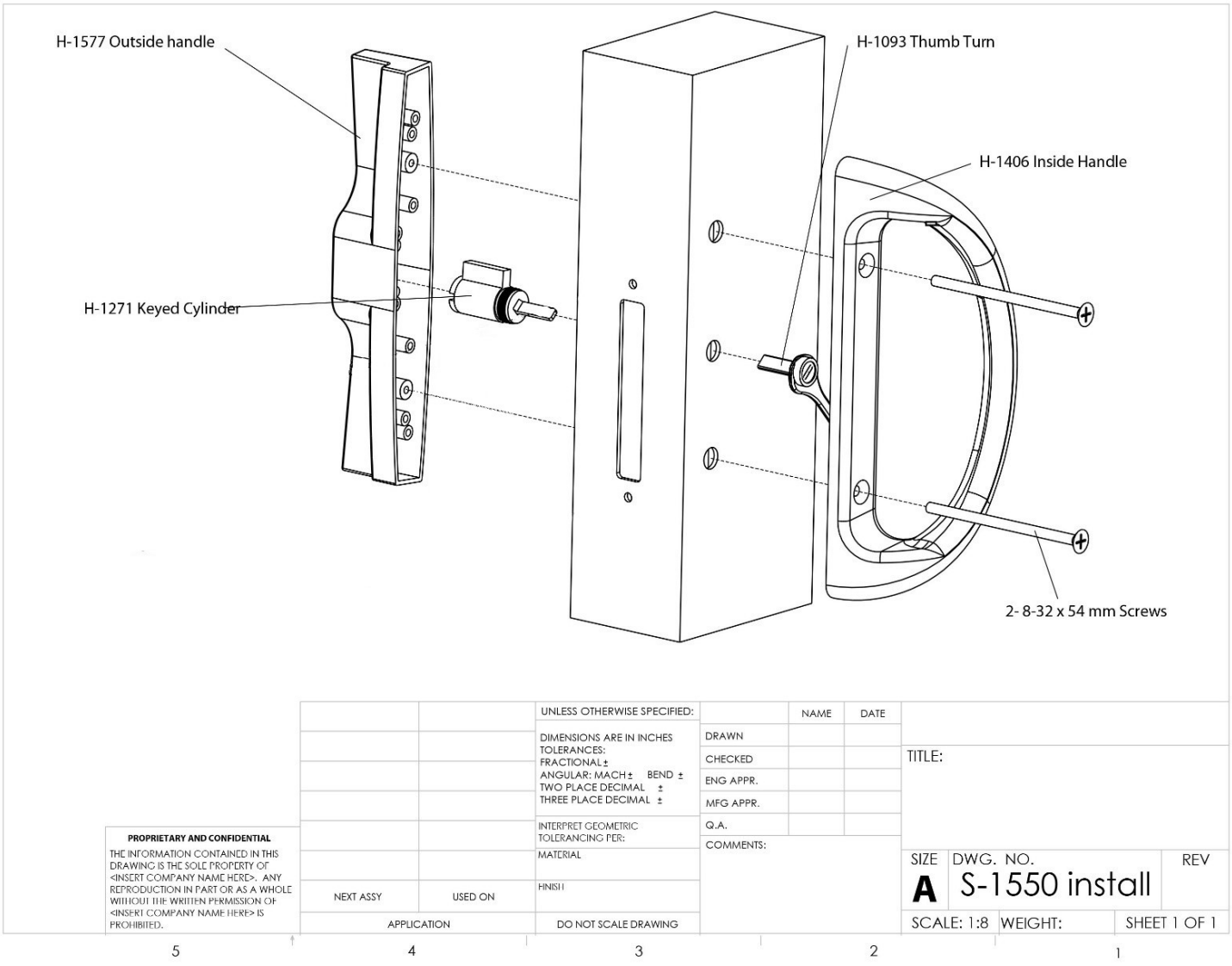
L. **After all the panels are installed,** adjust the frame as necessary to get the acquired reveals Then, collectively check the reveals of every panel by sliding them together as one. Make sure the panels slide without any shifting opposite the other panel or panels. Adjust the reveals as needed by shimming the frame. Keep in mind if you need to shim under the frame near the interior panel, it will affect the second and/or third panel. This is why the shimming process at the beginning is very important to minimize any revel issues.

5 Hardware Installation:

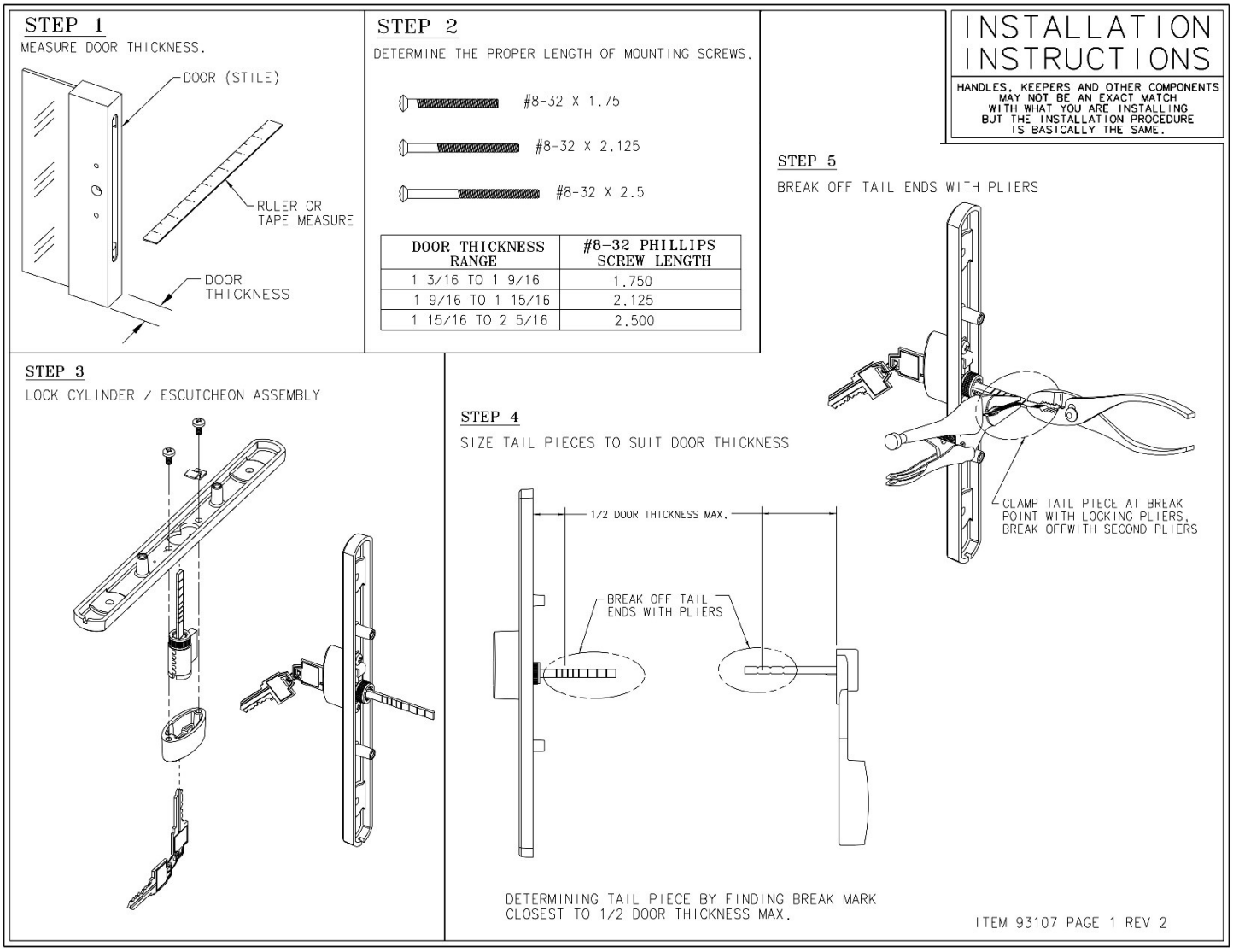
If the door does not have flush mounted hardware, install the handle hardware now.

NOTICE When installing any hardware always use a #2 Philips hand screwdriver.

NOTICE If installing standard hardware with no key lock, the filler piece must be installed into the exterior handle in place of the key lock. Failure to do so could compromise the security of the product.

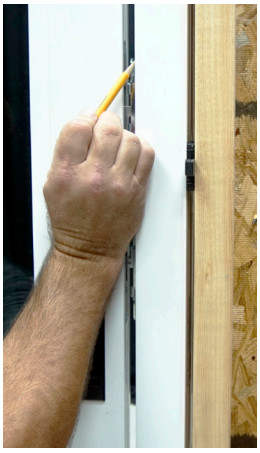


5 Hardware Installation (continued):



A. **Install the keeper**. To find the correct location of the keeper, position the keeper onto the lock on the door panel and operate the lock to hold the keeper on the edge of the panel.

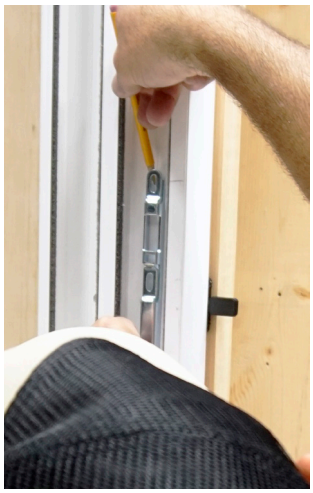
5 Hardware Installation (continued):



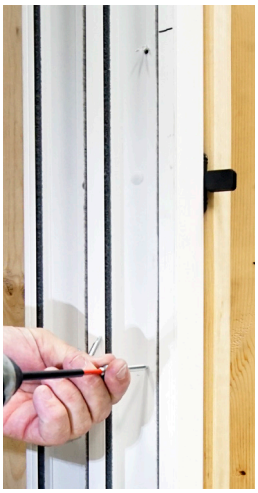
B. **Slide the door close to the jamb** and mark the frame where the top of the keeper is positioned.

NOTICE If the keeper is not positioned properly there may be issues with the locking lever dropping and/or the lock not engaging properly.

C. **Unhook the keeper from the panel and set it in the jamb** aligning it with the pencil mark transferred to the frame. Use the die line in the center of the pocket for the center reference; mark the center of the top and bottom keeper holes on the frame.

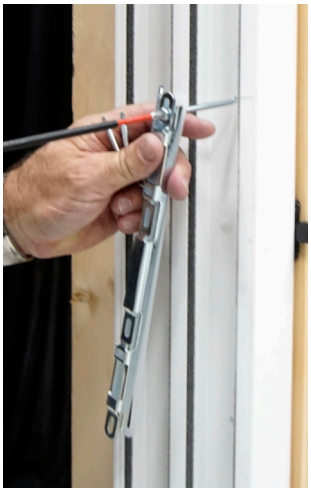



D. **After marking the holes,** use a keeper installation screw to start a hole at each marked location.

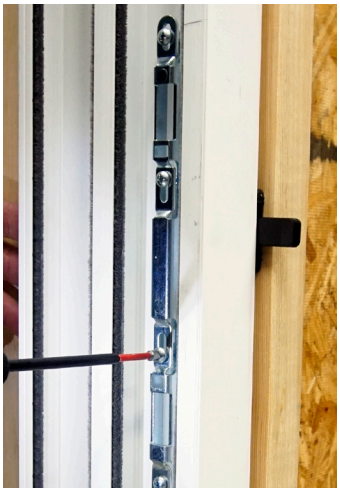

5 Hardware Installation (continued):

E. **Align the keeper with the provided spacer and with the keeper screws provided,** secure the keeper onto the holes started in the frame.

F. **Slide the door close to the jamb** and mark the frame where the top of the keeper is positioned.


G. **If the lock engages the keeper, open the door** and install the center screw(s) in the keeper. Make sure to put shims between the frame and rough opening behind the keeper.

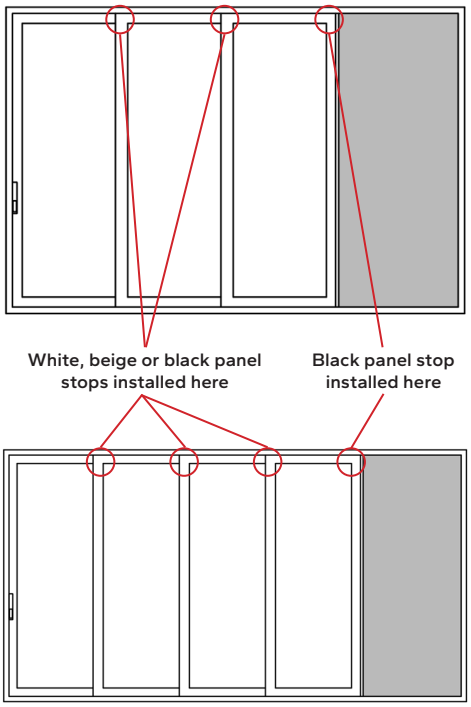




5 Hardware Installation (continued):

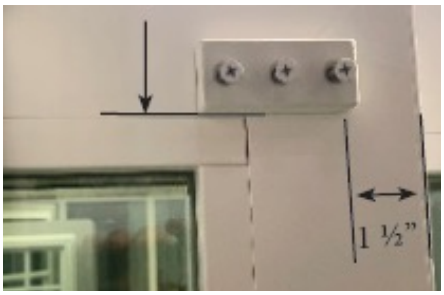
H. **In the hardware box,** there will be pocket door panel stops and panel stop screws. The amount and color of these panel stops will vary depending on the number of panels and the color of the door being installed. Mount the panel stops to the back of the second, third and/or fourth intermediate panels with the provided screws.

Two panel doors will only have a black panel stop.

I. **With doors which have more than two panels,** there will also be a black panel stop and black panel stop screws. Mount the black panel stop to the panel closest to the exterior wall.



J. **If a Premium door without the flush mount hardware is being installed,** the door will come with a panel stop and screws. The panel stop is installed on the 2nd panel to stop the active panel before the handle hardware hits the 2nd panel when the door is completely open. The panel stop should be mounted 1-1/2" from the back of the 2nd panel, and just **ABOVE** the glazing bead. The screw holes should come pre-drilled but will still need to be drilled out to 9/64" to prevent screw head breakage. If the panel is not drilled out at all, locate the proper position and mark where to drill. Completely open the door and make sure the panel stops at the stop before the handle hardware contacts the 2nd panel. Once you are sure of the placement, secure with the screws provided. A 9/64" bit is needed if the holes were not originally predrilled.



5 Hardware Installation (continued):

Lock Hardware Adjustments

On the panel lock mechanism there is an adjustment to move the hooks in or out. There should be some play in the lock. If there is not, then there is a possibility there will be locking issues in the future due to thermal expansion.

Adjusting the play in the lock:

On the face of the lock there will be a flat head adjustment screw. Depending on the lock, there may be one or two adjustment screws.

NOTICE **NEVER USE A DRILL. USE A 3/16" HAND SCREWDRIVER AND DO NOT OVER TORQUE.**

Single screw adjustment: Clockwise will move both hooks tighter to the panel and counterclockwise will move them further from the panel.

Double screw adjustment: Each adjustment works independently for each hook. Clockwise will move the one hook tighter to the panel and counterclockwise will move it further from the panel.

NOTICE **THE PURPOSE OF THE ANTI SLAM BUTTON IS TO PROTECT THE LOCK FROM MISUSE AND/OR DAMAGE TO THE PRODUCT. NEVER ENGAGE THE HOOK LOCKS WHEN THE PANEL IS OPEN. IF THE DOOR IS SHUT WHEN THE HOOK LOCKS ARE ENGAGED, THEY WILL HIT THE KEEPER IN THE JAMB AND DAMAGE THE LOCK MECHANISM. THIS WILL VOID THE LOCKS WARRANTY.**

PREMIUM LOCK

STANDARD LOCK

6 Pocket and Wall Interlock Installation:

A. **Install the black panel interlock to the back of the panel closest to the pocket,** mounting it under the black panel stop.

B. **Use a mallet or hammer with a wood block** and carefully attach the interlock onto the back of the panel.

C. **Using the provided pocket panel interlock/stop screws,** secure the interlock into place. If possible, have a helper push on the other side of the panel to help keep the panel steady while driving the screws.

6 Pocket and Wall Interlock Installation (continued):

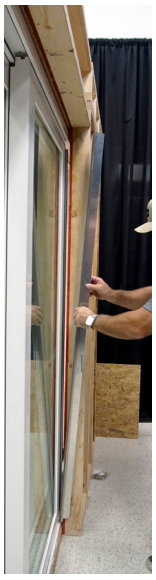
D. **Completely shut the door,** with the locking panel into the lock jamb. Make sure all the interlocks are fully engaged.

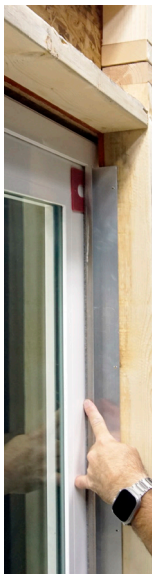
E. **Confirm the exterior pocket wall is in the desired location** so the panel interlock and wall interlock will engage properly.

F. **Once the wall placement is confirmed,** dry fit the wall interlock to the exterior pocket wall to ensure a proper fit. Make sure the wall interlock and panel interlock will engage properly. Adjust the wall as needed. Using the panel's edge, make sure the interlock is straight and even along the entire side of the panel.

When installing the wall interlock, make sure the metal is not pushed tight against the panel. Try to leave a 1/8" inch gap between the panel and the metal. Not doing so will cause the panel to be too tight to the wall interlock and possibly knock when used.

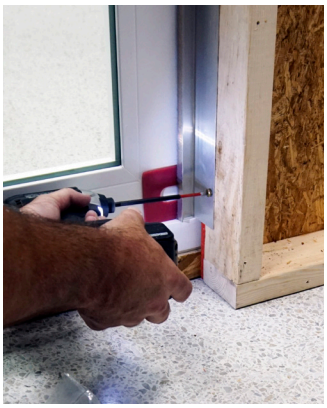
G. **Apply a bead of polyurethane down the length of the wall.** Position the wall interlock on the framing between the rough framing and the door, leaving a 1/8th inch gap between the panel and the metal.



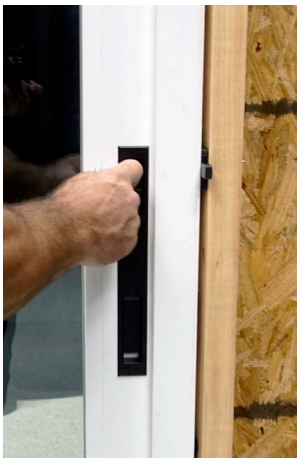


6 Pocket and Wall Interlock Installation (continued):

H. **Secure the top and bottom of the exterior portion** of the wall interlock using the wall interlock screws. Using an 1/8" shim shown to keep the metal away from the panel as mentioned in step 6F.



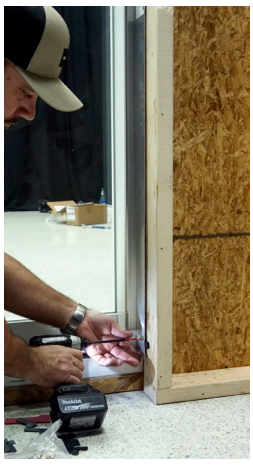
I. **Confirm the wall interlock engages the panel interlock** when the door is closed and locked, and all the panel interlocks are engaged.

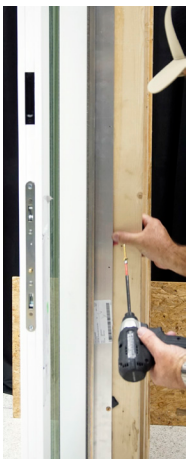


If there are any voids between the framing and interlock, it is necessary to put shims where each screw will be installed so the aluminum does not twist when securing it into place. This will eliminate flex that could cause faulty operation.

J. **Secure the exterior portion of the wall interlock** using the wall interlock screws, use shims as/if needed to make sure the wall interlock engages the panel interlock.

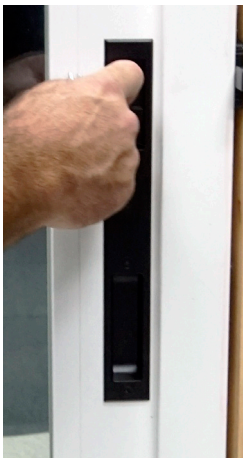
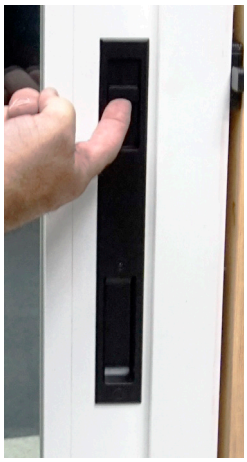
NOTICE **Be careful not to dent the lip of the panel interlock which the blind panel fits into. If it was dented it will need to be fixed so the blind panel will fit completely into the pocket in the panel interlock.**



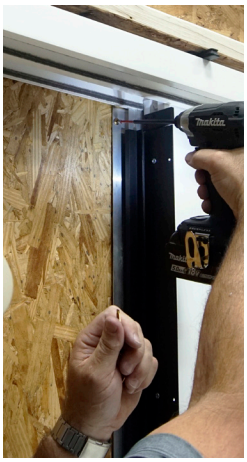


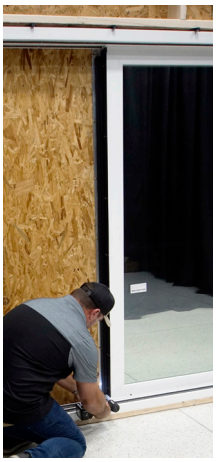
6 Pocket and Wall Interlock Installation (continued):

K. **Test the door operation by closing it completely,** making sure the locks and all the interlocks fully engage. Closing the door allows access to the interior portion of the wall interlock.

L. **Secure the interior portion of the wall interlock** into place making sure the screw heads are flat on the aluminum. If they do not, there is a high possibility the panel interlock will catch on the head of the screw.



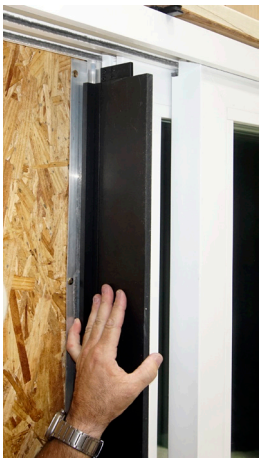

7 Blind Panel Installation:

A. **Install the blind panel,** by sliding the panel behind the small aluminum lip and into the pocket on the back of the panel interlock.

If the lip of the back of the panel interlock was bent during installation it will need to be straightened so the blind panel will sit completely into the groove.

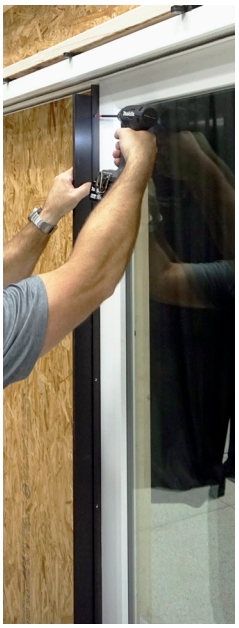
Blind panel groove in wall interlock






7 Blind Panel Installation (continued):

B. **Secure the blind panel** using the pocket blind panel screws supplied.




8 Install Frame Caps and Panel Stop Bumpers:

A. **Before installing the frame caps,** vacuum out the sill.

B. **Without moving the primary vent panel,** make sure all the intermediate panels are pushed into their interlocking positions. Mark on the head and sill where each panel ends.

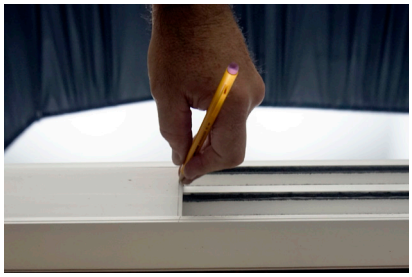


8 Install Frame Caps and Panel Stop Bumpers (continued):

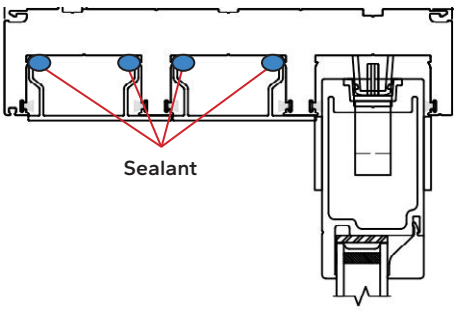
C. **Open the vent panel(s).** Insert the bumper into one end of the head frame cap. Insert the head cap into the frame pocket with the bumper against the jamb and see if the end aligns with the mark on the head from Step 8B. If needed, mark the head cap where it needs to be trimmed. Remove the head cap and trim it to the correct length.

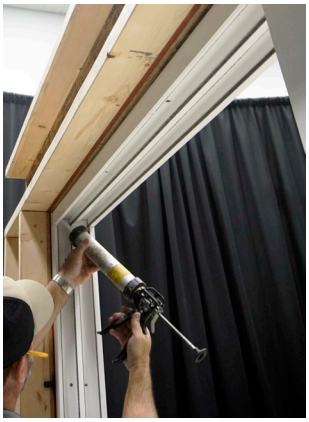
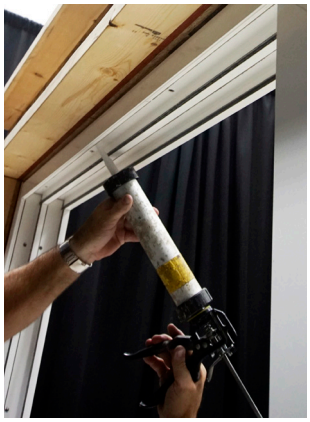






D. **Apply dabs of sealant** to both sides of the pocket every 16" the length of the cap.



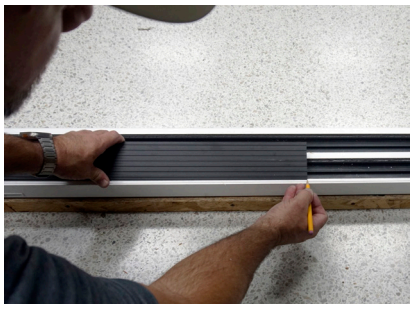




E. **Install the head cap(s)** with the bumper towards each panel.



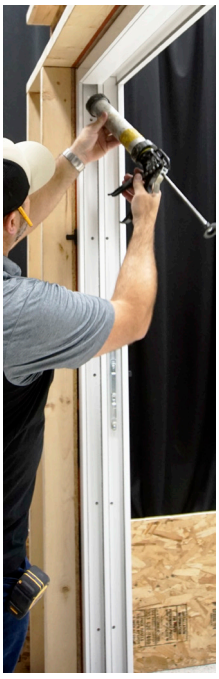
8 Install Frame Caps and Panel Stop Bumpers (continued):

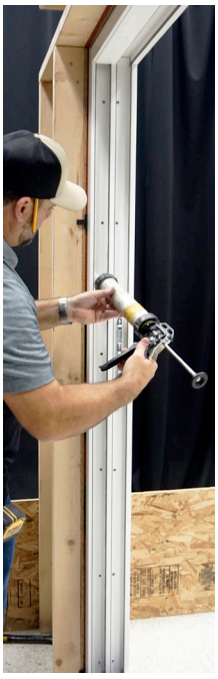
F. **Insert the bumper into one end of the threshold frame cap.** Insert the threshold cap into the frame pocket with the bumper against the jamb and see if the end aligns with the mark on the sill from Step 8B. If needed, mark the threshold cap where it needs to be trimmed. Remove the threshold cap and trim it to the correct length.

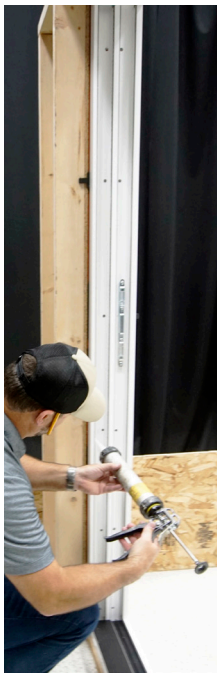


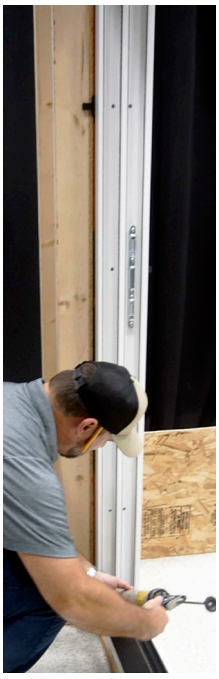
G. **Install the threshold cap(s)** with the bumper towards each panel.

H. **Before installing the strike side jamb caps,** its necessary to apply dabs of polyurethane on both sides of the jamb pockets, top and bottom every 16" so when the cap is installed the legs are in contact with the sealant. This will help eliminate any movement of the caps.



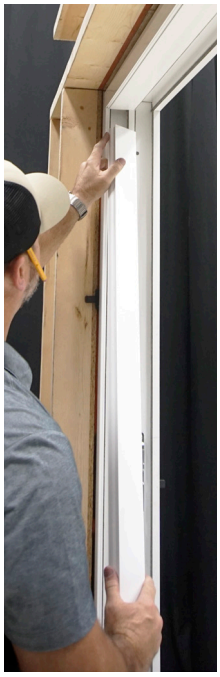
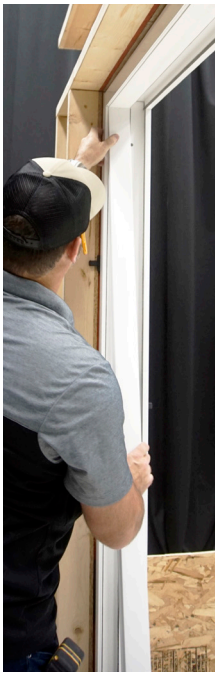
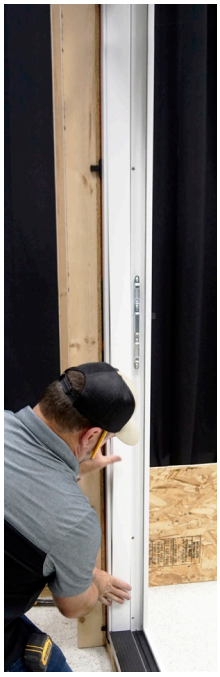
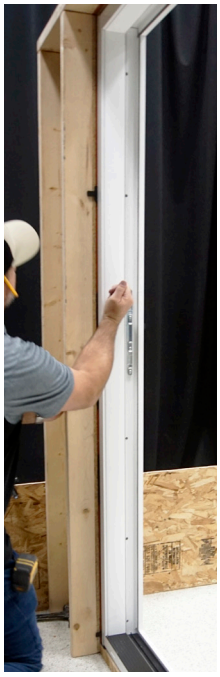
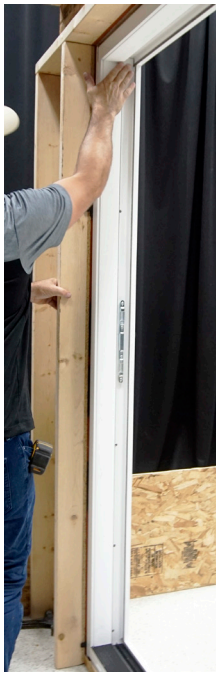






8 Install Frame Caps and Panel Stop Bumpers (continued):

I. **Install the lock side jamb caps.**

J. **There are pieces of aluminum threshold caps that came installed** in the frame and were removed earlier or they were supplied in the hardware box. These aluminum pieces along with the rubber bumpers are used as panel stops at the pocket frame end. If they came in the hardware box, they will most likely need to be trimmed to the desired length.

To determine the desired length of the stops, position the panels in the pocket end of the frame and mark the location of ends of the panels on the frame when they are positioned as desired.

Measure and cut the aluminum pieces with the bumpers installed to the desired length.

K. **Install the aluminum caps** into the head tracks on the pocket end of the frame.


L. **Use sealant to adhere the rubber bumpers and cap** in their final location. Make sure to apply sealant behind the bumper in an area that will not be in contact with the panel. Repeated slamming from the panel can knock these loose, DO NOT skip this step!

8 Install Frame Caps and Panel Stop Bumpers (continued):

M. **Install bumpers** into the stops.

N. **Install hole plugs** in the pre-drilled installation holes not covered by frame caps and into the roller adjustment holes on the vent panels.

9 Fill Void Between Frame and Flashing with Sealant:

At some point the exterior cladding or trim will be applied near the exterior face of the door frame. Prior to application of the exterior finishes, use backer rod and sealant to seal the gap between the door frame and the opening. Refer to the Exterior Sealant instruction section for the exterior perimeter seal installed later between the door frame and exterior cladding.

A. **Tape off the face of the frame.** Leave about 1/8" of the edge of the frame without tape so the sealant has a surface to adhere.

B. **Use sealant to fill the joint** where the frame and flashing meet at the head and strike side jamb. Tool the sealant making sure all voids are filled completely and there is a finished 90-degree angle so the finished material will fit tight to the frames face.

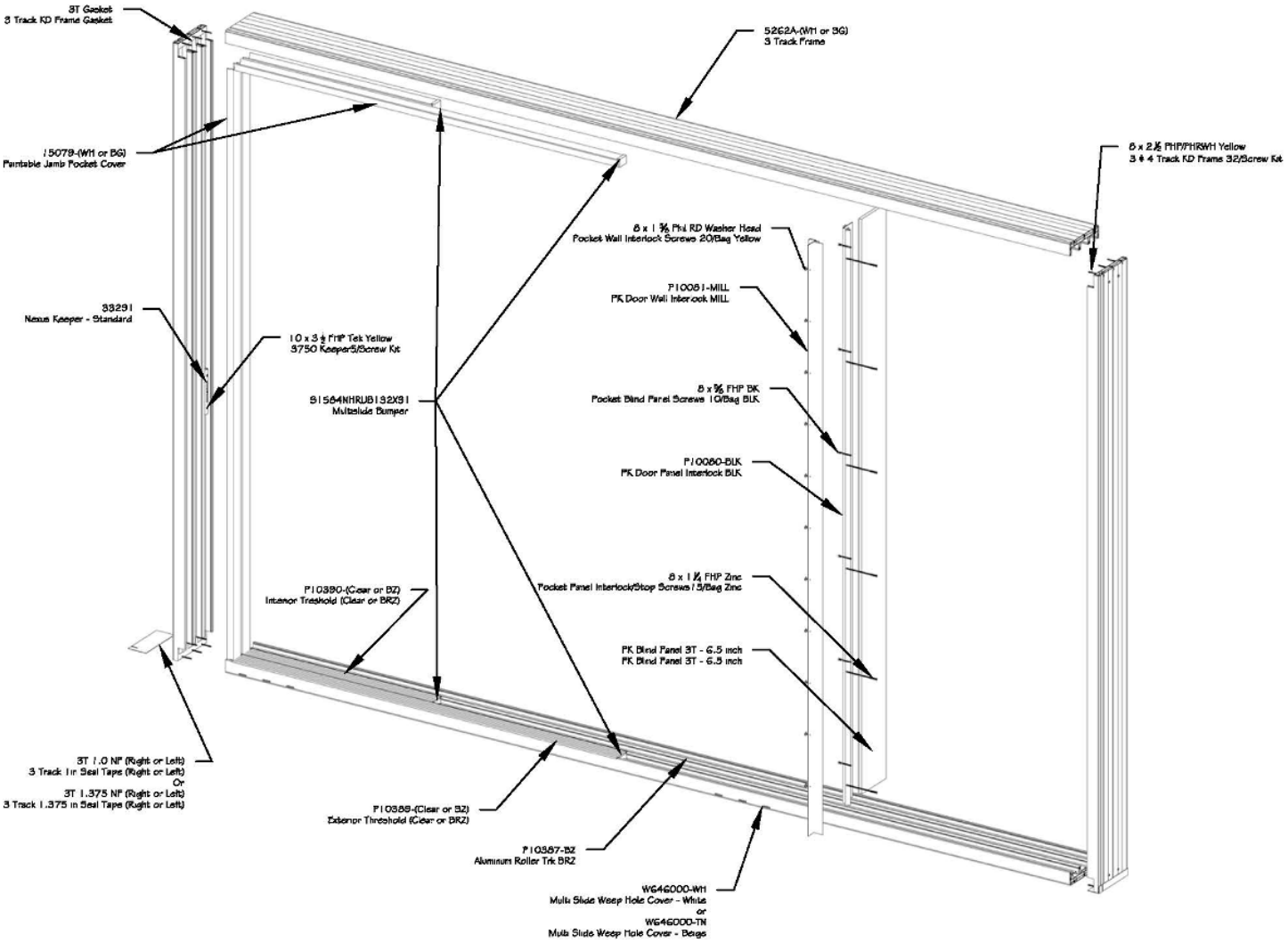
C. **On the pocket side,** fill the voids above and below the wall interlock.

NOTICE **When sealing the exterior, it is very important not to miss the two small sections above and below the wall interlock. Failure to weatherproof these sections will result in leaks.**

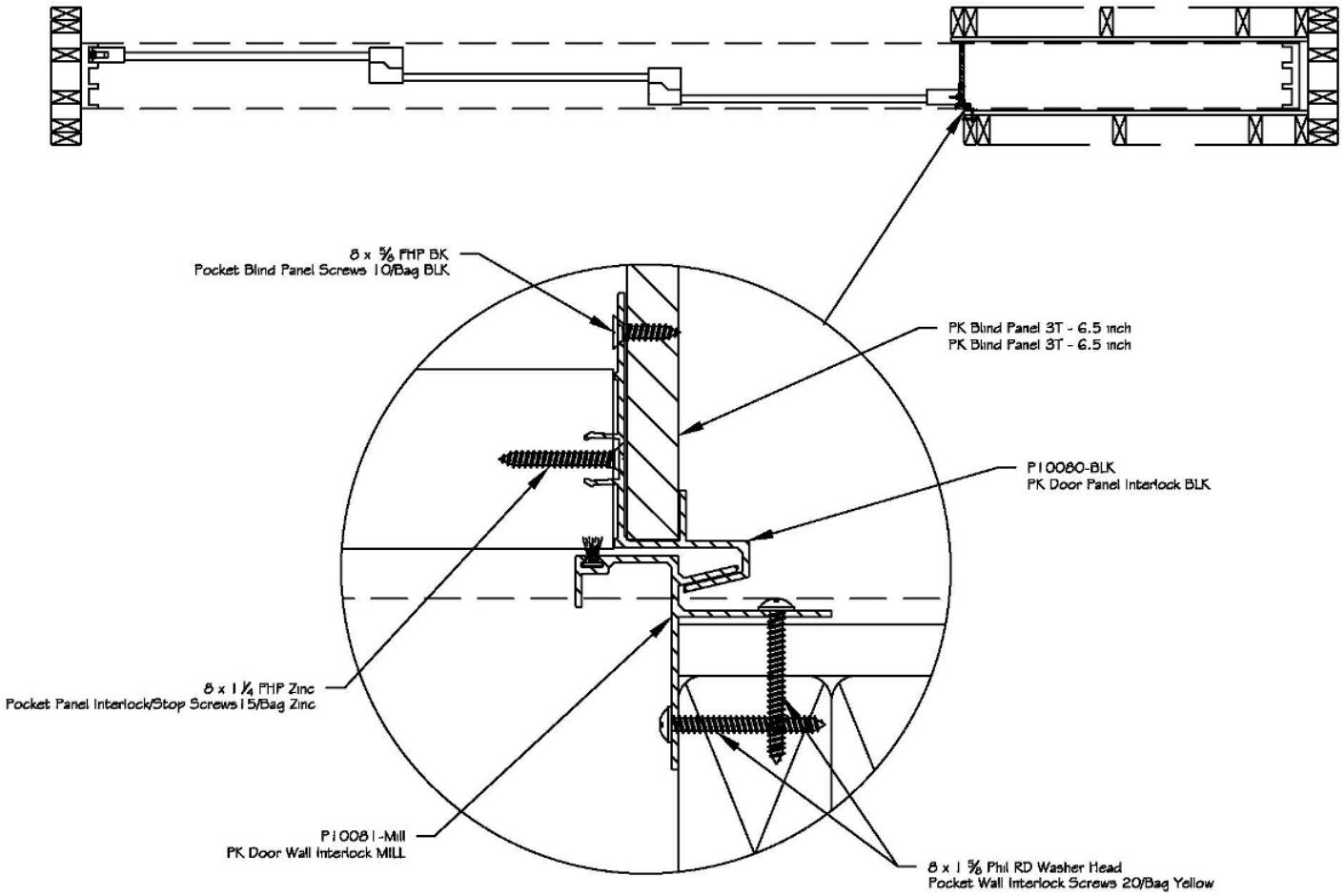
9 Fill Void Between Frame and Flashing with Sealant (continued):

D. **Apply a bead on top of the wall interlock** and tool it flat, covering the edge of the interlock and the screw heads.

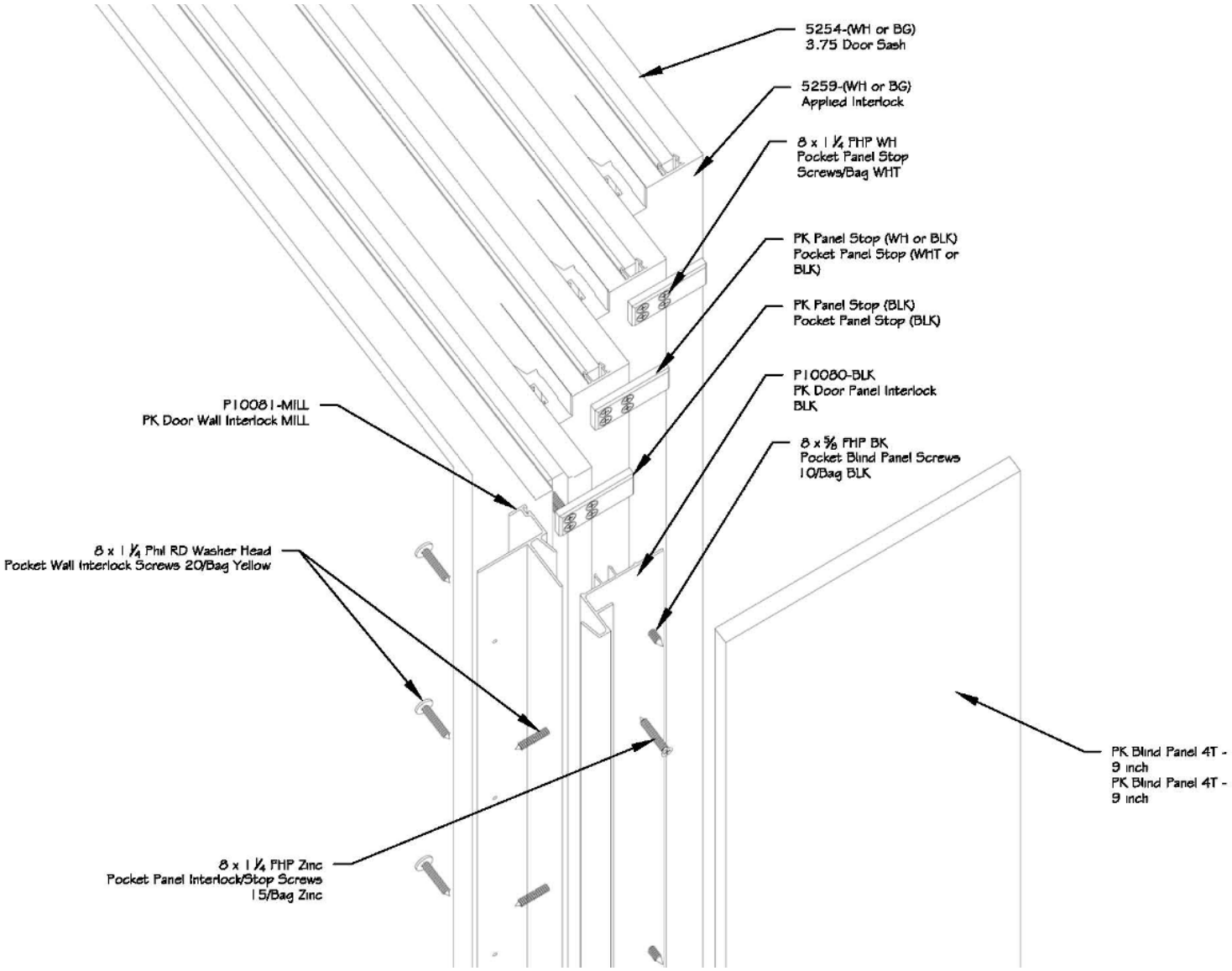
3-Track Pocket Door Frame Assembly



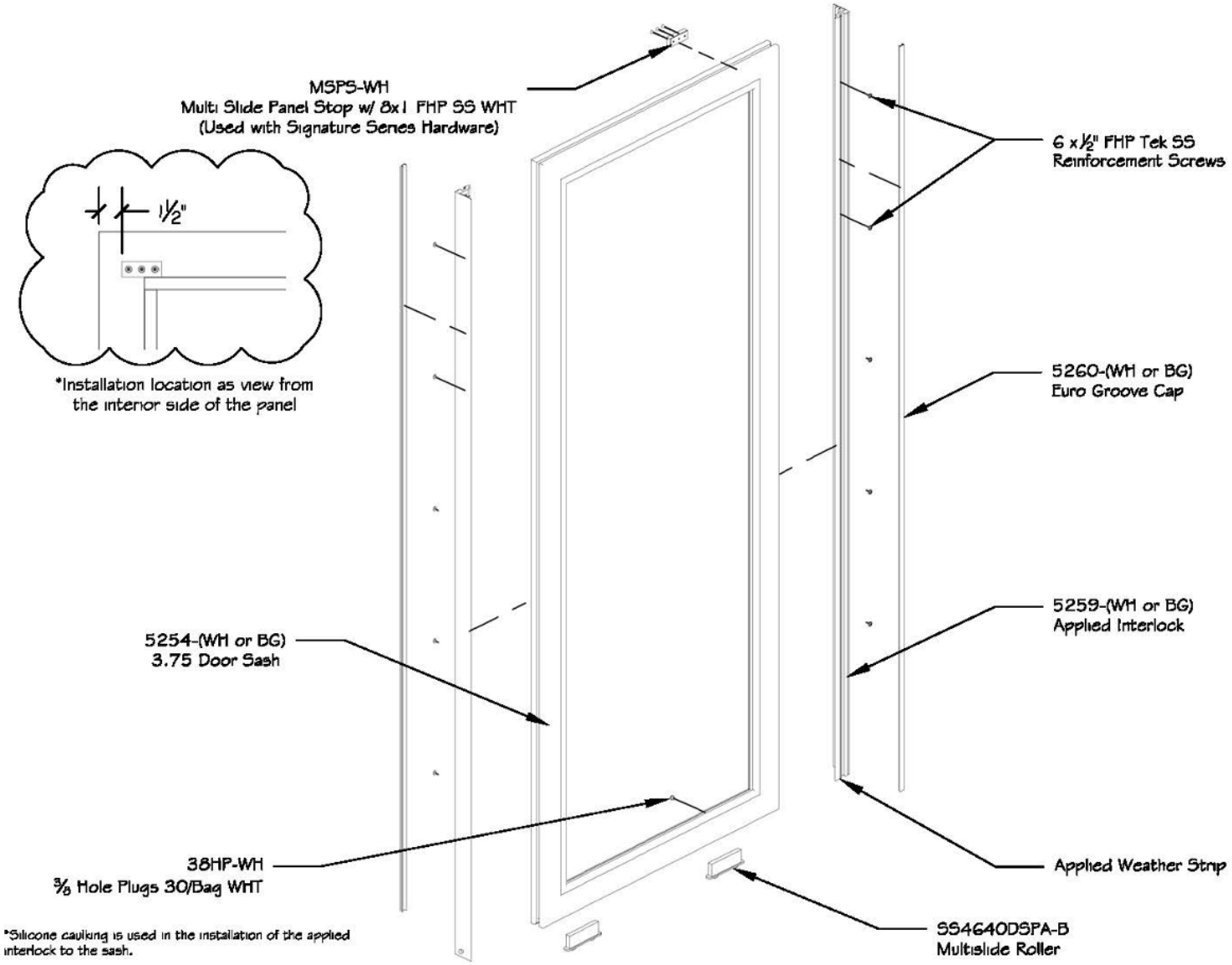
3-Track Pocket Door Interlocker Parts



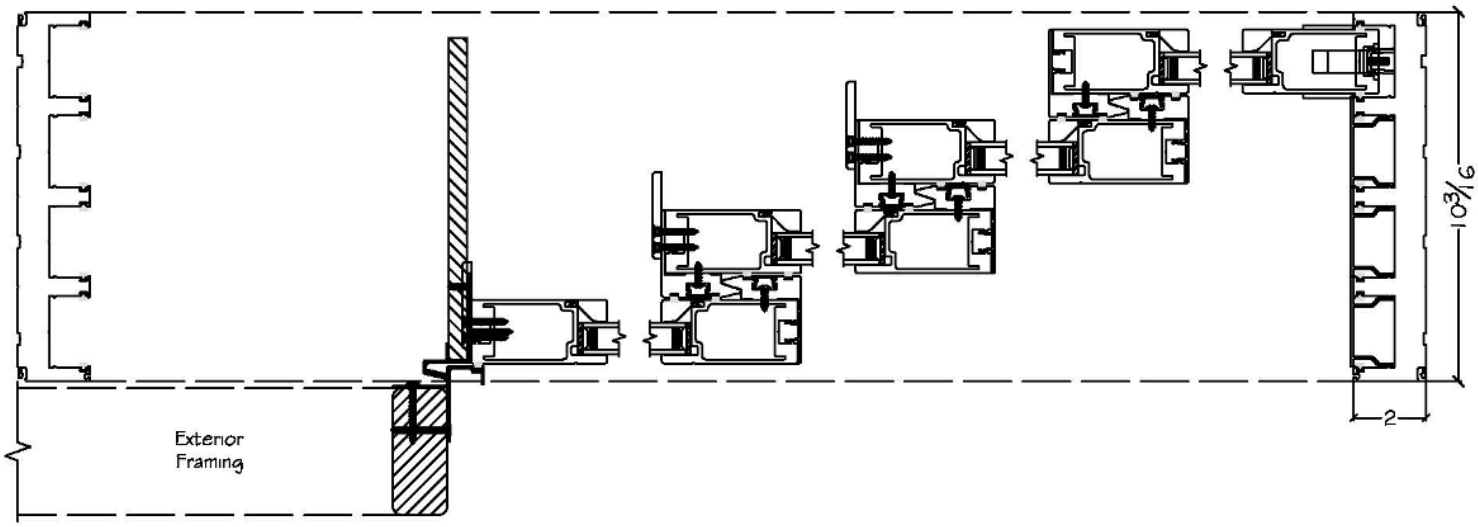
4-Track Pocket Door Frame Assembly – Interlocker Parts



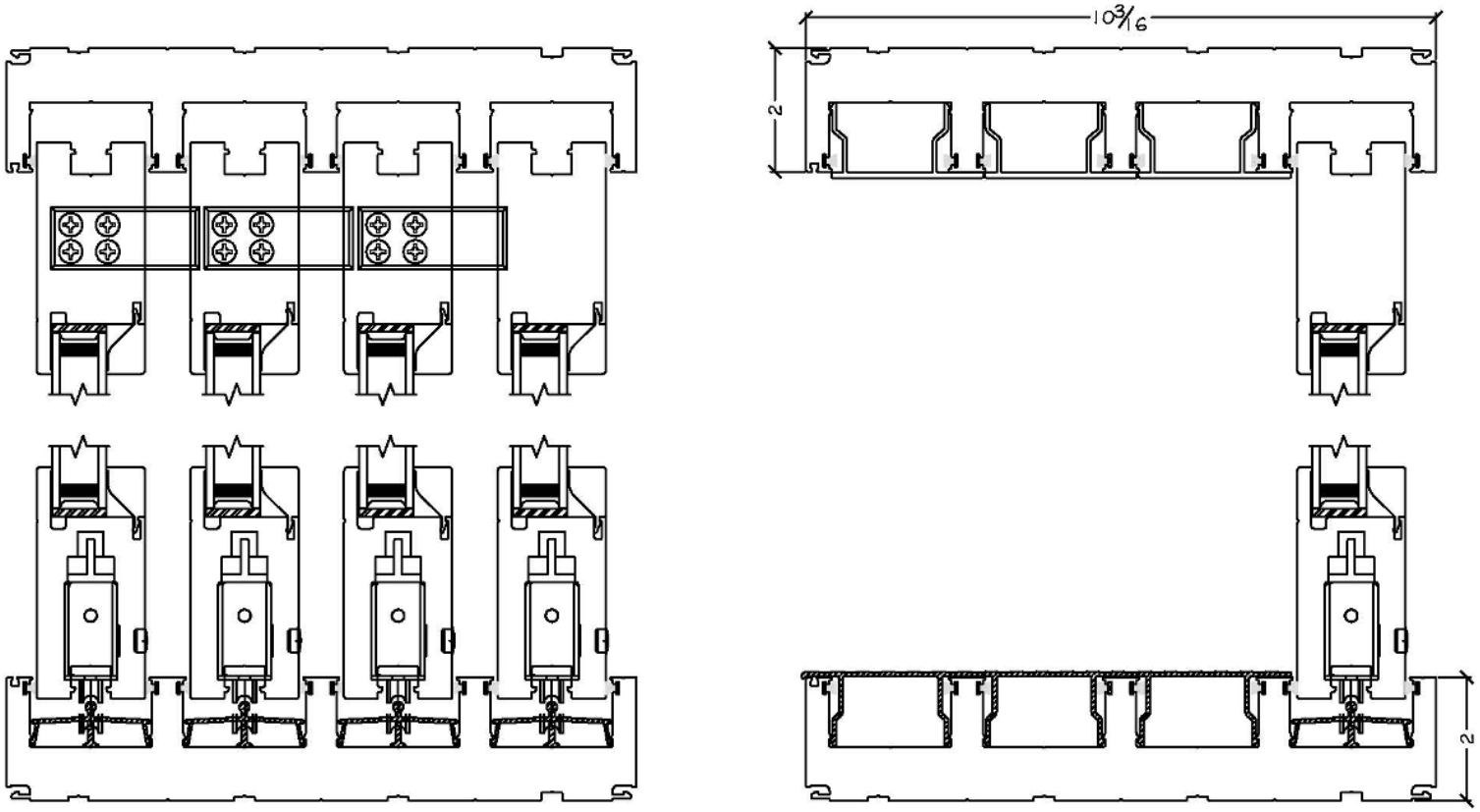
Premium Door – Exploded Interlock Assembly – Intermediate Vent Panel



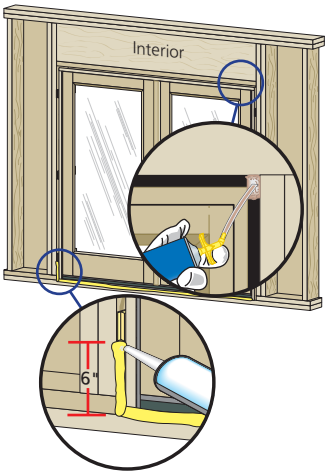
Premium Pocket Door – Horizontal Section View



Premium Pocket Door – Vertical Section View



Interior Sealant Instructions



CAUTION: ***Continuous backer rod (as necessary) and a high quality, low-odor interior sealant such as Pella Window and Door Installation Sealant (or equivalent) is recommended for commercial or high performance installations to create the continuous interior seal. Follow the directions on the cartridge. For standard performance or products with factory applied jamb extensions, use low pressure polyurethane insulating foams. Follow the directions on the can. Do not use high pressure or latex foams. Fiberglass batt or similar insulation is not recommended as it can absorb water and does not act as an air seal.***

A. **Insert the nozzle** or straw between the rough opening and door frame from the interior. Use pliers (if necessary) to compress the end of a straw tube to allow it to fit in tight openings.

B. **Place a 1" deep bead of foam** approximately 1" from the interior of the frame to allow for expansion. DO NOT fill the entire depth of the rough opening cavity.

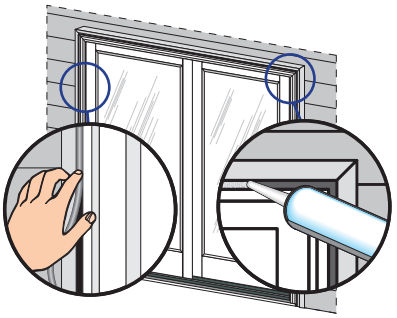
NOTE: ***Apply foam between the frame and rough opening, NOT between jamb extensions and the rough opening.***

C. **Re-check door operation** and remove remaining shipping spacers after foam installation. Excess foam may be removed with a serrated knife after it cures.

D. **To ensure a continuous interior seal,** apply sealant over or around any shims or clips interrupting the foam seal.

E. **Place a continuous bead of sealant** across the inner sill at the intersection of the door sill and subfloor. Continue the sealant 6" up each jamb and connect with foam seal.

Exterior Sealant Instructions



CAUTION: ***Use a high quality, multi-purpose exterior sealant such as Pella Window and Door Installation Sealant. Follow the directions on the cartridge.***

When ***applying siding, brick veneer, flashing, or other exterior finish materials, leave adequate space between the door frame and the material for sealant application of sealant.***

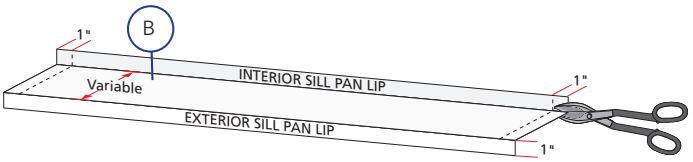
A. **Insert backer rod 3/8" deep** in the space around the door. Backer rod adds shape and controls the depth of the sealant line.

B. **Apply a continuous bead of sealant** to the entire perimeter of the door.

NOTICE **For sill pans designed to drain moisture directly to the exterior, voids in the exterior seal may be required.**

C. **Shape, tool and clean excess sealant.** When finished, the sealant should be the shape of an hourglass.

NOTICE **The method of pan construction, flashing, and sealant application may vary depending on the design of the opening sill and exterior landing surface conditions. It is important to consider the exposure to weather, the exterior landing surface's proximity to the door sill, and to confirm impervious exterior surfaces properly slope away from the door.**

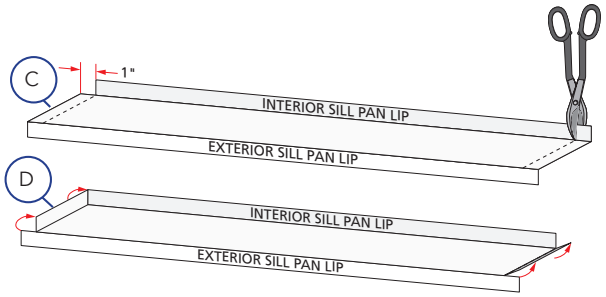


A. **Cut the sill pan** to the width of the rough opening plus 2".

NOTE: ***The 2" added onto the rough opening width is for a 1" bend on each end.***

B. **Make a 1" cut** in each fold at both end of the sill pan.

NOTE: ***These cuts will allow the edges of the sill pan to be bent.***

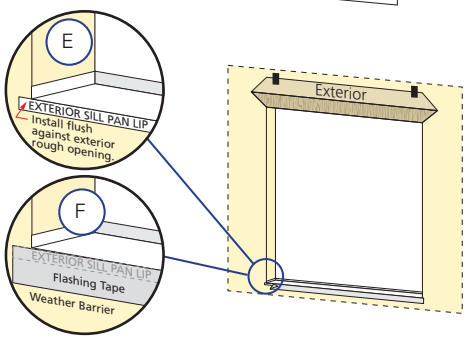


C. **Cut 1" off each end** of the interior sill pan lip.

D. **Bend each end** of the center panel up.

E. **Install the sill pan** by sliding into place until the exterior sill pan lip is flush with the exterior of the rough opening.

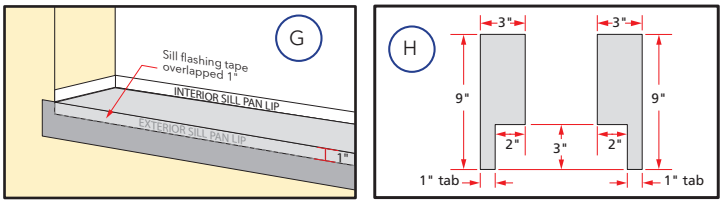
F. **Apply sill flashing tape.** Cut a piece of flashing tape 2" longer than the opening width. Apply at the bottom of the opening, covering the exterior sill pan lip as shown.



NOTE: ***If applicable, apply spray adhesive to building felt prior to applying the flashing tape.***

G. **Cut a piece of flashing tape** to the width of the opening. Install tape to the sill pan and overlap the flashing tape from step 1F by 1". If needed add a second or third piece of flashing tape until the sill pan is covered to the interior sill pan lip.

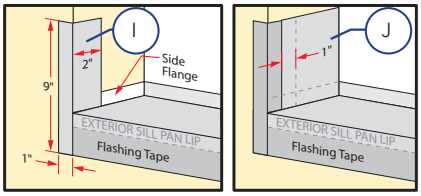
NOTE: ***The purpose of this tape is to seal the sill screws when installing the door.***



H. **Cut two 9" pieces of flashing tape** with a 1" x 3" tab at the bottom, on opposite corners as shown.

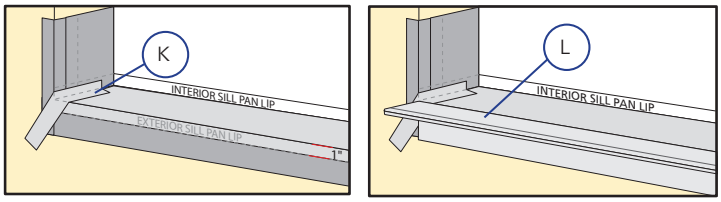
I. **Apply the tabbed 9" pieces of flashing tape.** The tape is applied so 2" will cover the inside of the rough opening and lap over the side flange of the sill pan. The 1" x 3" tab laps over the bottom flashing tape as shown.

J. **Cut two 6" pieces of flashing tape** and apply to each side of the rough opening, overlapping the first piece by 1" and lapping the bottom over the side flange of the sill pan as shown.



K. **Cut two pieces of flashing tape 1-1/2" x 6"** and apply to the bottom corners of the opening by beginning in the corner of the sill pan, with 3/4" of the tape applied to the sill pan and 3/4" of the tape applied to the side flange. The remainder of the tape is to be at a 45 degree angle onto the exterior.

L. **Attach the aluminum sill support** or wood blocking to the exterior of the box plate to support the edge of the door sill. Place the sill support flush with the subfloor.



Concrete Slab (without sill pan) Instructions

NOTE: ***Thoroughly clean the slab where sealants will be installed. Instead of installing flashing tape across the bottom of the rough opening, complete the following:***

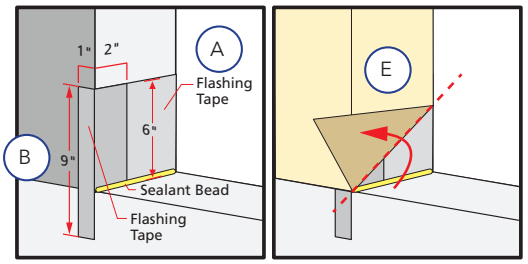
A. **Install flashing tape at the bottom** 6" of the rough opening jambs.

B. **Cut two 9" pieces** of flashing tape as shown in step 1H above.

C. **Install them overlapping** the flashing tape installed in step A by 1".

D. **Place a 3/8" bead of sealant** where the bottom edge of the flashing tape meets the concrete slab.

E. **When folding building wrap in at the jambs,** cut at a 30 degree angle as illustrated.



Follow the applicable installation method pages to complete the installation except seal the door sill directly to the slab.